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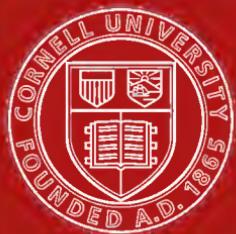
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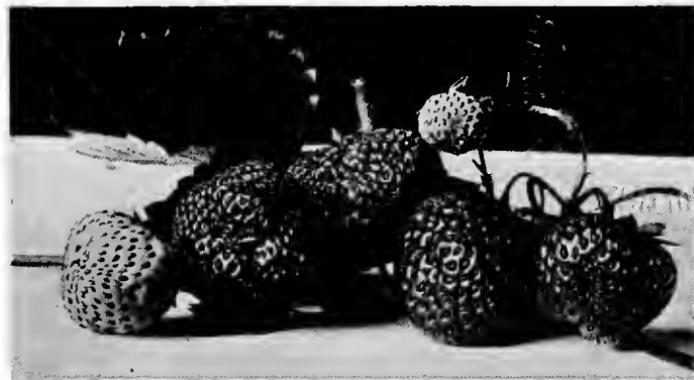
VIRGINIA POLYTECHNIC INSTITUTE

VIRGINIA AGRICULTURAL EXPERIMENT STATION

NORTH AMERICAN VARIETIES
OF THE STRAWBERRYWith a Bibliography of North American
Literature of the Strawberry

BY

S. W. FLETCHER



WILSON—THE MOST COSMOPOLITAN NORTH AMERICAN VARIETY

BLACKSBURG, MONTGOMERY COUNTY, VIRGINIA

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*RESIGNED AUGUST 1, 1916.

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North American Varieties of the Strawberry

By S. W. FLETCHER*

The following list includes all varieties that have originated in North America, so far as can be discovered from a review of bulletins, reports, periodicals, Horticultural Society reports, trade catalogs and other horticultural publications. Undoubtedly some varieties have been grown that have been omitted; but most of these must have been of local prominence only, and not of sufficient general interest to receive publicity in horticultural publications.

The list includes 1,879 variety names. The most prominent varieties are Aroma, Beder Wood, Brandywine, Bubach, Captain Jack, Charles Downing, Clark, Clyde, Crescent, Crimson Cone, Cumberland Triumph, Downer's Prolific, Dunlap, Excelsior, Gandy, Glen Mary, Haverland, Hoffman, Hovey, Hudson's Bay, Jucunda, Klondike, Large Early Scarlet, Longworth, Marshall, Michel, Neunan, Parker Earle, Sharpless, Thompson, Triomphe, Warfield, William Belt, Wilson. A considerable number of the names here included as distinct varieties must be synonyms; either old varieties reintroduced, sometimes accidentally, sometimes not; or varieties that are practically identical in appearance and behavior, even though reputed to be of distinct origin.

EUROPEAN VARIETIES—Over four hundred varieties of European origin have appeared in our horticultural literature, mainly previous to 1860. Probably not over half of these were ever actually grown here. Many of the descriptions of foreign varieties given by Downing and other early writers were merely quoted from European sources. Few European sorts have been grown in America since the advent of the Wilson. Therefore it does not seem wise to cumber our variety list, already greatly extended and involved, with the names of several hundred European varieties, most of which were never grown here except in the gardens of a few amateurs. All that have attained any prominence are included. There are twenty-six of these, as follows: *Alice Maud, Black Prince, British Queen, Commander, Downton, Duke of Kent's Scarlet, Eliza (of Myatt), Elton Pine, Goliath, Grove End Scarlet, Jucunda, Keens' Seedling, La Constante, Methven Scarlet, Mulberry, Nicaise, Old Pine, Prolific Hautbois, Red Wood, Roseberry, Royal Sovereign, Saint Joseph, Triomphe, Trollope's Victoria, Vicomtesse Hericort de Thury, White Alpine.*

*Director of the Virginia Experiment Station, 1908-1914, now Professor of Horticulture, Pennsylvania State College. The assistance of many pomologists and cultivators is gratefully acknowledged; more especially of E. R. Lake and C. P. Close of the U. S. Dept. of Agriculture; Matthew Crawford, Cuyhoga Falls, Ohio, and W. F. Allen, Salisbury, Md.

HISTORICAL DATA—A special effort has been made to secure the historical data on each variety so far as it is available, including origin, parentage and introduction. Unfortunately, until quite recently it has not been thought worth while to record this data, but the trade catalogs have supplied it in part. Most of our varieties originated either as chance seedlings or as wildlings, and were discovered, rather than originated; or were seedlings produced without hand pollination, and hence not of known parentage. Furthermore, not all the parentage data reported by originators is authentic; they are likely to state a surmise as a fact. More careful breeding and record-taking are noticeable in recent years.

The date of introduction of a variety is usually when it was first offered for sale, as in a trade catalog, and under a distinctive name, accompanied by a description. A number of varieties are included which were never formally introduced. In some cases they were distributed as premiums; in others they were merely disseminated among neighbors, or sent to Experiment Stations for trial. In the following list a variety is considered introduced when it is first given a distinctive name, accompanied by a printed description, whether it is offered for sale or not. Many varieties never go any farther than this.

DESCRIPTIONS—The varietal characters of the strawberry are so profoundly modified by climate, soil, altitude, cultural methods and other environmental factors, that no one set of terms could possibly describe any variety so that it would represent its appearance and behavior in all sections, or even any considerable area. Size, form, flesh characters, flavor, plant-making habits, season, and even sex, are affected to a marked degree by these factors. The descriptions given in this list are composite. A number of descriptions of each variety, as reported from different localities, have been assembled in order to determine the general behavior of the variety and to eliminate any inaccuracies in individual descriptions. In case of doubt or divergence of opinion, preference has been given to the description reported from the locality where the variety is grown most successfully. A description of Magoon as grown in western Oregon, where it succeeds, is a more accurate representation of the variety than a description of Magoon as grown in Michigan, where it fails. The description of the thirty-four most prominent varieties noted in a preceding paragraph are as complete as the data available permit; the descriptions of the others are brief and horticultural, not full and taxonomic.

In comparing the descriptions of the older with the more recent varieties, the difference in standards must be kept in mind. Each of the numerous varieties introduced by Prince, about 1855, may have seemed "large" at that time, but perhaps would be described as "small" today. The vigor, productiveness and freedom from disease of any variety of strawberry

depends so largely upon the locality in which it is grown, and the cultural conditions provided, that any statement on these points would have no value in a general description, although it might have considerable value in a local description, such as would be published by an Experiment Station for the information of the fruit-growers of that particular district. For this reason no statement of vigor, productiveness or disease is included in the descriptions unless the variety has an exceptional record on one or more of these points; local experience is the only guide of any value.

NOMENCLATURE—Varieties that have been listed as in cultivation since 1900, are considered as in cultivation at this time, unless there is reliable information to the contrary; these are marked with an asterisk (*). No revision of the nomenclature of varieties now out of cultivation has been attempted; not even of "Big Bob's Baby," and similar outrages. The names of varieties now cultivated have been revised in accordance with the recognized rules of pomological nomenclature, as adopted by the American Pomological Society. Common usage has been followed with many names which would require revision if the rules were applied without discretion. No changes have been made except when necessary to promote simplicity and avoid confusion. The terms stamineate and pistillate, abbreviated to *S* and *P* respectively, are used to designate the sex of varieties.

***ABINGTON (S)**—Orig. 1895, Lester Blanchard, Abington, Mass.; int. 1905. Berry medium size, round-conic to wedge-shape, light crimson; flesh light red, medium firm, mild sub-acid, fair, runners moderate. Midseason.

ABINGTON BLUSH—A seedling of **WILSON** exhibited at Philadelphia in 1862.

Abraham Lincoln—See **PRESIDENT LINCOLN**. Also a syn. of **AGEICULTURIST**.

***ABUNDANCE (of Schild) (S)**—Orig. 1909, H. J. Schild, Ionia, Mich.; **RED CROSS** x a seedling of **DAWN** x **IONIA**; int. 1913. Berry large, round-conic, dark crimson; flesh dark red, firm, sweet, dry, good; runners numerous. Midseason. One of the so-called "fig type" varieties.

***ABUNDANCE (S)**—Int. about 1904. Berry medium size, conic, bright crimson; flesh medium firm, good; runners numerous. Late.

ABUNDANCE (of Wilder) (P)—A "large and showy" variety orig. by Marshall P. Wilder, Boston, Mass., and int. about 1876.

ACCIDENT (S)—Orig. S. W. Moore, Springfield, Mo., 1894; chance seedling. Berry medium size, crimson, good. Early to midseason.

ACCOMAC (S)—Orig. 1887, McMath Bros., Onley, Va.; int. 1891. Berry medium size, long-conic, light crimson, soft, acid, good; runners few. Midseason.

Acme (S)—Int. 1888 by P. M. Augur & Sons, Middiefield, Conn., as one of their own seedlings, and widely grown under this name, but generally considered identical with **CRYSTAL CITY**.

***ACME (S) (New Acme)**—Listed in Washington in 1912. Berry medium size, light crimson, firm. Early.

ADA (P)—Listed in 1896.

ADAMS FAVORITE (P)—Orig. Solomon Adams, Tamaqua, Pa. Berry large, round-conic, firm, scid. Midseason.

Admiral Dewey—See **OREGON** and **PENNELL**.

ADONIS (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, mild sub-acid. Late.

***ADVANCE (S)**—Int. 1904. Berry medium, long-conic, scarlet, flesh medium red, firm, scid, fair; runners numerous. Medium early.

*Indicates varieties now in cultivation.

***ADVANCE** (of Cooper) (S)—Orig. 1907, Samuel Cooper, Delevan, N. Y.; **AUTUMN x COOPER**, int. 1914. Berry large, roundish, dark crimson, good. An "Everbearer."

Advance—See **RUSSEL'S ADVANCE**.

ADVANCER (S)—Orig. R. S. Cole, Harmons, Md.; int. about 1892. Berry medium, dark scarlet, firm, very good; runners numerous. Early.

ADVOCATE (S)—Orig. Canada; int. about 1890. Large, round-conic, firm, good.

AFRIQUE (P)—Orig. Louisiana; int. about 1870 by Samuel Miller, Bluffton, Mo. Berry medium, round-conic, dark crimson, firm, good.

AFTON (P)—Orig. C. W. Graham, Afton, N. Y.; chance seedling; int. 1894. Berry medium, round-conic, dark crimson, flesh dark red, firm, acid, fair; runners numerous. Early. Closely resembled **WARFIELD**.

AGNES—Listed from Maryland in 1898.

AGRICULTURIST (S) (Abraham Lincoln, of some)—Orig. about 1858, Seth Boyden, Newark, N. J.; **GREEN PROLIFIC x GEORGIA MAMMOTH**; int. 1863. Berry large, irregular round-conic, with long neck, dull dark crimson, flesh deep red, medium firm, sweet, good; runners moderate. Midseason. Widely grown between 1865 and 1875.

ALABAMA (S)—Orig. 1886, Julius Schnadlebach, Grand Bay, Ala.; int. 1890. Berry medium, round-conic, dark crimson, flesh light red, firm, good; runners moderate. Midseason.

***ALASKA** (S)—Orig. James Stayman, Leavenworth, Kan. Listed in 1902. Berry medium to large, round-conic to wedge-shape, dark crimson; flesh medium red, firm, sub-acid, fair. Albany—usually refers to **WILSON**; sometimes to **PRIDE OF ALBANY**.

Albion White—Syn. of **LENNIG**.

ALICE—Orig. Hancock, Ky.; int. 1891.

ALICE (of Christian) (P)—Orig. S. B. Christian, Bradford, Ohio; int. 1896. Berry large, conic, bright scarlet, firm, good.

ALICE MAUD (S) (Princess Alice Maud)—Int. from England in 1845. Berry large, conic, dark scarlet, flesh light red, very good. Early. A popular market variety near Washington, D. C., 1850 to 1860.

***ALICE HATHAWAY** (S)—Orig. Louisa Hubach, Judsonia, Ark.; int. 1903. Berry medium, round-conic, light crimson, flesh medium red, medium firm, good; runners numerous. Medium early.

ALLEN (S)—Orig. W. F. Allen, Salisbury, Md.; int. 1895. Berry large, long-conic, necked, light scarlet, moderately firm, mild sub-acid, good; runners moderate. Midseason.

Alley—Syn. of **HILTON**.

***ALLIE** (S)—Orig. R. H. McDowell. Berry medium, round-conic to wedge-shape, dull light scarlet, firm, mild sub-acid.

Alman—See **ALMOND**.

***ALMO** (P)—Orig. 1902, J. O. Bauer, Judsonia, Ark.; chance seedling; int. 1905. Berry medium, round-conic, dark crimson, flesh medium red, very firm, acid, fair; runners moderate. Medium early.

***ALMOND** (S) (Alman)—Orig. J. H. Black, Son & Co., Hightstown, N. J.; int. 1898. Berry medium, round-conic, scarlet, flesh pink, moderately firm; runners moderate. Midseason.

***ALPHA** (of Riehl)—Orig. E. H. Riehl, N. Alton, Ill. Described as an "Everbearer."

ALPHA (of Arnold) (S)—Orig. 1878, Chas. Arold, Paris, Ont.; **WILSON x NICLAISE**; int. 1881. Berry medium, round-conic, crimson, medium firm, mild sub-acid, good; runners moderate. Early. Distinct from the **ALPHA** of English origin tested here about 1892.

***ALPHONSO XVIII** (S)—Orig. Europe; int. here 1907. Berry medium, round-conic, light crimson, flesh whitish, medium firm, sweet; runners few. Midseason.

Alpine—See **WHITE ALPINE**.

***ALTON**—Orig. E. H. Riehl, North Alton, Ill. Described as an "Everbearer."

***ALVIN**—Orig. Louisa Hubach, Judaonia, Ark.; int. 1906. Berry medium, soft, good; runners numerous. The same originator has an Improved Alvin, which is described as firm.

***AMANDA** (S)—Orig. Z. T. Mumma, Bluffton, Ohio, 1904; **SAMPLE x MAXIMUS**; int. 1910. Berry large, irregular wedge-conic, dark crimson; flesh red, firm, acid, good; runners numerous. Midseason.

AMATEUR (of Pain) (P)—Orig. J. A. Pain; listed in 1866. Berry medium, conic, crimson, very good.

AMATEUR (of Hart) (S)—Orig. Mr. Hart, of Michigan; int. 1885. Berry medium, round-conic, scarlet, soft, flesh whitish, fair. Midseason.

AMAZON—A white variety grown in Mass. in 1870. Probably distinct from **AMAZONE**, an English variety.

AMERICA (of Keech) (S)—Orig. J. Keech, Waterloo, N. Y.; int. about 1866. Berry large, obconic, crimaon, medium firm, sub-acid, good; runners few. Early.

AMERICA (of Virginia) (S)—Orig. Va. seedling of **GREAT AMERICAN**; int. about 1892. Berry medium, round-conic, dark scarlet, firm. Midseason.

***AMERICAN** (S) (American Beauty)—Orig. H. J. Schild, Ionia, Mich. Listed in 1910.

AMERICAN QUEEN (P) (Huntsman's Pistillate)—Orig. G. W. Huntsman, Flushing, N. Y., seedling of **MONTEVIDEO PINE**; int. about 1850. Berry medium, roundish, light acarlet, soft, sub-acid, fair; runners numerous. Midseason.

***AMERICUS** (S)—Orig. 1905, Harlow Rockhill, Conrad, Iowa, **PAN-AMERICAN** x **LOUIS GAUTIER**; int. 1911. Berry medium, roundish conic, light crimaon, flesh pale, firm, mild sub-acid, very good; runners moderate. An "Everbearer." Fruits freely on new runners as well as on parent plants.

***AMWELL** (S)—Orig. Thos. R. Hunt, Lambertville, N. Y.; int. about 1900. Berry large, conic, dark crimson, medium firm, very good. Midseason.

Anery's Seedling—See **AVERY**.

ANGILIQUE—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, bright scarlet, good.

ANLO (P)—Orig. A. D. Leffel, Anlo, Ohio; int. about 1895. Berry large, irregular round-conic, dull scarlet, medium firm, good; runners numerous. Medium late.

Anna—Syn of **ANNIE HUBACH**.

ANNA FOREST (S)—Orig. Ross county, Ohio; int. 1886. Berry medium, round-conic, bright acarlet, medium firm, flesh whitish, mild sub-acid, fair; runners moderate. Midseason.

***ANNA KENNEDY** (P)—Orig. 1884, J. T. Lovett, Little Silver, N. J., **JERSEY QUEEN** x unknown seedling; int. 1896. Berry medium, roundish, light crimson, flesh medium red, firm, sub-acid, good; runners numerous. Medium early.

***ANNIE HUBACH** (S) (Anna, of some)—Orig. Louis Hubach, Judsonia, Ark., **WARFIELD** x **THOMPSON**; int. 1903. Berry medium, round-conic with slight neck, light crimson, flesh pale red, firm, sub-acid, fair; runners numerous. Medium early.

ANNIE LAURIE (S)—Orig. J. F. Beaver, Dayton, Ohio, about 1888; int. 1894. Berry medium, round-conic, flattened, bright scarlet, firm, very good; runners moderate. Midseason.

APACHE (S)—Orig. James Stayman, Leavenworth, Kan.; int. about 1895. Berry medium, long-conic, light scarlet, medium firm, poor; runners numerous. Medium early.

Apple—A contraction of Pineapple, which is a syn. of **BONANZA**.

ARENA (Robins' Arena)—Orig. Geo. Robbins, Menominie, Wia., seedling of **WILSON**; int. about 1870. Berry medium, round-conic, light crimson, good; runners moderate. Medium early.

ARIADNE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, conic, with slight neck, scarlet, firm, good.

***ARIZONA** (S) (Arizona Everbearing; Mexican Everbearing)—Orig. Phoenix, Ariz., chance seedling, supposedly of **JESSIE**, or **GANDY**; int. about 1890. Berry medium, round-conic, light scarlet, flesh light red, soft, mild sub-acid, good; runners few. Midseason. Widely planted in the irrigated sections of the Pacific Southwest between 1895 and 1905, especially in Southern California and Arizona. Still grown to a limited extent where heat and drought resistance are important. Improved Arizona is a selection not differing materially from the type.

***ARKANSAS** (S) (Arkansas Black)—Orig. in 1903, Louisa Hubach, Judaonia, Ark.; int. 1904. Berry large, round-conic, very dark crimaon, flesh dark red, firm, sub-acid, very good; runners few. Medium early.

ARKANSAS TRAVELLER (S)—Orig. T. G. Michel, Judaonia, Ark.; int. 1891. Berry medium, round-conic, crimaon, medium firm; flesh light red, medium firm, sub-acid, good; runners moderate. Midseason.

ARLINGTON (S to semi-S)—Int. about 1885. Berry medium, round-conic, scarlet, flesh light red, medium firm, acid, good; runners numerous. Medium early.

Armstrong; **Armstrong's Favorite**—Syn. of **MAXIMUS**.

ARNOLD'S PRIDE (S)—Orig. 1878, Chas. Arnold, Paris, Ont., **WILSON** x **NICAISE**; int. 1881. Berry large, irregular conic, dull scarlet, firm, mild sub-acid, good. Late. Int. as Arnold's No. 23.

***ARNOUT** (S to semi-S)—Orig. J. L. Arnout, Luzerne county, Pa.; int. 1905. Berry medium to large, irregular round-conic, often furrowed and necked, dark crimson, flesh dark red, firm, sharp sub-acid, good; runners moderate. Midseason.

Arnout's Parker Earle, or **Parker Earle Improved**, is a selection of **PARKER EARLE**. Often confused with **ARNOUT**.

***AROMA** (S) (*Cycloma*)—Orig. 1889, E. W. Cruse, Leavenworth, Kan., seedling of **CUMBERLAND TRIUMPH**. Int. 1892. Plant semi-spreading, leaflets large, dark green; runners moderate; blossoms open midseason to late; fruit-stems erect, moderately spreading. Berry large, round-conic, bright scarlet; calyx medium, adherent; seeds fairly prominent; flesh light red, firm; core white, solid; flavor mild sub-acid; quality good. Medium late. The dominant variety in Arkansas, Kan., Southwest Missouri, and appreciated elsewhere. Valued because of its uniformly large size, and productiveness. It ripens over a period of three or four weeks, beginning before **GANDY** and lasting a week later.

AROMATIC CRIMSON—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. A seedling of **BLACK PRINCE**, which it closely resembled.

ARROW (P)—Orig. 1890, E. W. Cone, Menominie, Wis., seedling of **HAVERLAND**; int. 1894. Berry medium, long-conic, light crimson, firm, sub-acid, very good; runners moderate. Midseason. Closely resembled **HAVERLAND**.

ASA GRAY—A variety of *F. virginiana* found by Asa Gray, Cambridge, Mass., in 1852 in western N. Y. Described as necked, bright scarlet, good.

***ASHLAND** (S) (Sixteen to One; 16 to 1)—Orig. Geo. Irwin, Ashland, Ore., being one of several unnamed seedlings received by him from M. Crawford, Cuyahoga Falls, Ohio, about 1892; int. about 1900. Berry medium to large, irregular round-conic, light crimson; flesh medium red, soft, sweet, good; runners numerous. Early to midseason.

ATHLETE—Orig. W. M. Uhler, Easton, Pa.; int. about 1858.

***ATLANTIC** (S)—Orig. 1879, D. L. Potter, Hammonton, N. J., chance seedling; int. 1883. Berry large, conic, dark crimson, flesh light red, very firm, sub-acid, good; runners moderate. Late. Highly prized in a few localities, notably Oswego county, N. Y.; fails elsewhere. Valued for its lateness and remarkable shipping qualities. Has sold for higher prices than any other varieties on the general market, sometimes \$7.00 to \$9.00 per crate. Now passing out.

***ATTRACTIVE**—Listed in 1913 as "A new Everbearer."

AUBURN (P)—Orig. 1886, Samuel Gillespie, Butler county, Ohio, seedling of **HAVERLAND**; int. 1891. Berry medium to large, round-conic, dark crimson; flesh medium red, medium firm, sub-acid, good; runners moderate. Medium early.

***AUGUST** (August Queen)—Listed in 1910.

AUGUSTA—Orig. J. B. Moore, Concord, Mass.; int. about 1870. Berry large, conic, crimson; flesh dark red, firm, brisk sub-acid, very good. Early.

***AUGUST LUTHER** (S) (Luther)—Orig. 1875, August Luther, Sedalia, Mo.; int. 1891. Berry medium, round-conic, bright crimson; flesh light red, medium firm, sub-acid, good; runners moderate. Early. Valued for home use or near market.

AUGWICK (P)—Int. about 1891. Berry large, firm, good. Midseason.

AUNT SMITH—Listed in 1890. Late.

***AUROFLAME**—Berry medium, round-conic, light crimson; flesh light red, sub-acid, good. Late.

AUSTIN SHAKER (S) (Shaker's Seedling; Napoleon III, of some)—Orig. D. A. Buckingham of the Church Family of Shakers, Watervliet, N. Y.; int. 1859. Thought to be seedling of **IOWA** (of Cincinnati). Berry large, round-conic, light scarlet; flesh whitish, soft, acid, poor; runners numerous. Late.

***AUSTRALIAN** (S) (Australian Everbearing; Australian Crimson)—Int. into California in 1885 by E. J. Baldwin, who is said to have secured it from Australia where it originated, but probably is a renamed American variety. Berry medium to large, round-conic, crimson; flesh medium red, very firm, sub-acid, good; runners moderate. Very early. By 1893 was the dominant variety in Southern California, especially near Los Angeles, but now largely superseded by **BRANDYWINE**. Drought and heat resistant. Does not color well on under side in winter and early spring.

***AUTO** (S)—Orig. J. H. Thomas, Wyoming, Del.; int. 1901. Berry medium to large, irregular round-conic, often necked, crimson; flesh light red, medium firm, mild sub-acid, good; runners moderate. Midseason.

***AUTUMN** (P)—Orig. 1902, Samuel Cooper, Delevan, N. Y., seedling of **PAN-AMERICAN**; int. 1906. Berry small, round-conic, dull crimson; flesh dark red, firm, mild, sub-acid, fair; runners very few. Medium late, as a spring crop; produces a fall crop if early runners are removed.

***AUTUMN BELL** (S)—Orig. Benj. Woraley, Svenson, Ore., **MAGOON** x a wild strawberry (presumably *F. chiloensis*); int. about 1905. Berry small to medium, round-conic, crimson; flesh red, soft, mild sub-acid, fair; runners few.

***AUTUMN KING** (S) (King of the Autumn)—Orig. E. W. Townsend, Salisbury, Md.; **AUTUMN x CHESAPEAKE**; int. 1913. Berry large, bright scarlet, firm, good. An "Everbearer."

AVERY (P) (Avery)—Orig. E. C. Avery, Pa.; int. about 1894. Berry medium, long-conic, dark scarlet, medium firm; flesh light red, good; runners numerous. Midseason. Resembled **HAVERLAND**.

BACHELOR—Orig. E. W. Durand, Irvington, N. J.; int. about 1878. Berry medium, scarlet good.

BACKETT'S PROLIFIC (P to semi-S) (Beckert, Beckett) **WILSON** x **JUCUNDA**; int. about 1875. Berry medium size, conic, crimson, firm, sub-acid, very good. Midseason to late.

BACON—Int. about 1895. Berry early, good.

BADGER—Syn. of **TIPPECANOE**.

BAGG'S SEEDLING (S)—Int. about 1895. Berry medium, round-conic, bright scarlet; flesh whitish. Midseason.

Bailey's Giant—See **GIANT** (of Bailey).

***BALTIMORE** (S)—Said to have orig. in Germany about 1884; int. 1912. Berry medium, irregular, round-conic, crimson; flesh medium red, firm, mild sub-acid, good; runners numerous. Midseason to late.

Baltimore Scarlet—Syn. of **EARLY MAY**.

BANANA—Orig. J. D. Willard, Hartford, Conn.; seedling of **AGRICULTURIST**; int. about 1870. Berry large, irregular conic, with very long neck, light scarlet, soft, mild sub-acid, fair, banana-like flavor. A curiosity only.

BANCROFT (P)—Int. about 1880. Berry medium, dark crimson, medium firm, good; runners few. Early.

BANQUET (P to semi-S) (Bouquet)—Orig. 1880, J. R. Hawkins, Mountainville, N. Y.; supposed to be **MINER'S PROLIFIC** x *F. virginiana*; int. 1886. Berry medium, long-conic, dark, crimson; flesh light red, medium firm, sweet, very good. with the bouquet and flavor of the wild strawberry; runners few. Early. Valued for home garden.

***BARKLEY** (S)—Orig. 1905, S. Barkley, Nanticoke, Md.; chance seedling; int. 1913. Berry large, round-conic, light crimson; flesh medium red, medium firm, sweet, good; runners numerous. Early.

BARNES' MAMMOTH (S) (Barnea's Seedling)—Orig. D. H. Barnes, Poughkeepsie, N. Y.; int. 1868. Berry large, round-conic, obtuse, crimson; flesh light red, firm, brisk sub-acid, good. Early.

BARNETT (S)—Orig. G. W. Howard, Stevenaville, Mich. Listed in 1896.

***BARRYMORE** (S)—Orig. 1900, H. L. Crane, Westwood, Mass.; **SAMPLE** x one of the seedlings of A. B. Howard, Belchertown, Mass.; int. 1909. Berry medium, round-conic, light crimson; flesh light red, firm, mild sub-acid, good; runners numerous. Midseason.

BARRY'S EXTRA—Grown before 1856 at Columbus Nursery, Ohio. Possibly foreign.

Bartlett—Int. about 1858 as a seedling orig. by A. S. Fuller, Brooklyn, N. Y., but proved to be identical with **BOSTON PINE**.

***BARTON** (P) (Barton's Eclipse; Eclipse, of some)—Orig. 1882, T. B. Barton, Columbus, Ky.; **LONGFELLOW** (of Webb) x **SHARPLESS**; int. 1890. Berry medium to large, round-conic, light crimson; flesh light red, medium firm, sub-acid, good; runners numerous. Midseason. Has been widely grown for market; rusts badly and ripens unevenly.

***BATTENBURG** (S)—Orig. A. T. Goldsborough, Washington, D. C.; **ROYAL STRAIGHT FLUSH** x **FUJIYAMA**, in which the blood of English varieties predominates; int. 1906. Berry large, irregular wedge-conic to round-conic, light crimson; flesh light red, firm, mild sub-acid, good; runners few. Midseason.

***BAUER** (P) (J. C. Bauer)—Orig. J. A. Bauer, Judsonia, Ark.; int. 1909. Berry large, crimson, firm, good; runners few. Midseason to late.

BAYNE'S EXTRA EARLY (S) (Bayne's Prolific)—Orig. J. H. Bayne, Alexandria, Va. A large and superior variety of *F. virginiana*, very early, grown considerably around Norfolk and Baltimore from 1848 to 1860.

Bauer—See **J. C. BAUER**.

BAY STATE—Orig. Warren Huestis & Son, Belmont, Mass.; int. 1887. Berry dark crimson, good.

B. B. Tree—See **TREE**.

BEARD'S EVERBEARING—Listed 1898.

BEAU—Orig. California about 1890.

BEAUTY (S)—Orig. J. H. Haynes, Delphi, Ind.; int. about 1890. Berry large, round-conic, scarlet; flesh light, soft, fair; runners numerous. Medium late.

Beauty—See **AMERICAN**, **BLACK BEAUTY**, **BOSTON BEAUTY**, **BROWN BEAUTY**, **CARMI BEAUTY**, **CASCADE BEAUTY**, **DAMASK BEAUTY**, **DURAND BEAUTY**, **EARLY BEAUTY**, **HANSBACH**, **IOWA BEAUTY**, **MAMMOTH BEAUTY**, **RICHMOND** (of Washington), **SOUTHERN TURNER'S BEAUTY**.

***BEAVER** (S)—Orig. about 1901. J. F. Beaver, Dayton, Ohio; chance seedling; int. 1904. Berry medium, round-conic, light crimson; flesh light red, firm, acid, fair; runners moderate. Midseason. Confused with **BEAVERS**.

***BEAVERS** (P)—Orig. C. E. Wightman, Mt. Vernon, Washington; int. about 1904. Berry medium, round-conic, dark crimson; flesh dark red, medium firm, acid, fair; runners few. Midseason. Confused with **BEAVER**.

***BEDER WOOD** (S) (Racster; Wood)—Orig. in 1881 by Beder Wood, Mobline, Ill.; int. in 1890 as Racster, and in 1891 as Beder Wood. Plants erect; runners numerous; fruit stems strong; berry medium or below, round-conic, scarlet; seeds slightly depressed; flesh light red, medium firm; core solid; flavor brisk sub-acid; quality good. Early. Although rather soft and of poor color, it has been widely grown because of its earliness and great productiveness. Especially valued as a pollenizer for other early sorts, as **WAREFIELD**. Noted for drought resistance.

BEEBE (S)—Orig. 1885, E. P. Beebe, Elizabeth, N. J.; chance seedling; int. 1891. Berry medium to large, round-conic, scarlet, mild, sub-acid, very good. Midseason.

Beede Seedlings, No. 1, No. 10, etc.—Sent out by Geo. F. Beede, Fremont, N. H. One of these was int. as **FREMONT**.

***BEIDLER** (P) (Beedler)—Orig. Mark T. Thompson, Rio Vista, Va.; int. 1905. Berry large to very large, irregular, wedge-shape, often necked, light crimson; flesh light red, firm sub-acid, fair; runners numerous. Midseason.

***BELL** (Bell Seedling)—Orig. Levi Bell, Rockland county, N. Y.; listed in 1912. Berry large, roundish to oblong, slightly necked, bright scarlet, sweet.

BELLE (of Moore) (S)—Orig. J. B. Moore, Concord, Mass.; int. about 1873. Berry very large, irregular and coxcombed, crimson, medium firm, sub-acid, poor.

***BELLE** (of Thompson) (S) (Lady Finger, of some)—Orig. 1890, Mark T. Thompson, Lakewood, Ohio, later of Rio Vista, Va., from mixed seed; int. 1893 by M. Crawford, Cuyahoga Falls, Ohio, as "No. 51." Berry medium to large, long-conic, necked, bright scarlet; flesh light red, medium firm, acid, good; runners moderate. Medium late.

Belle, of some, refers to **BELLE BORDELAISE**, **BELLE ARTESIENNE**, and **BELLE DE MEAUX**, foreign varieties tested here slightly about 1889.

BELLE OF LA CROSSE (S)—Orig. Wis.; int. 1889. Berry medium, round-conic, dark scarlet; flesh medium red, medium firm, acid, good; runners moderate. Medium late.

***BELMONT** (S)—Orig. 1880, Warren Huestis, Belmont, Mass.; int. 1886. Berry medium, long-oval, bright crimson; flesh medium red, firm, sub-acid, good; runners moderate. Midseason. Has been grown considerably for market in New England.

Belt—See **WILLIAM BELT**.

***BENANCIE**—Orig. Louis Hubach, Judsonia, Ark.; int. 1915. Described as large, good, and early.

***BEN DAVIS** (S)—Orig. about 1900, James Sons, Jr., Seligman, Mo.; int. 1904. Berry medium, round-conic to long-conic, light crimson; flesh light red, firm, mild sub-acid, good; runners numerous. Midseason.

***BENJAMIN** (S)—Orig. Minn.; int. 1902. Berry large, long conic, slightly necked, scarlet; flesh light red, firm, good; runners numerous. Late.

Benjamin—See **KING BMENJAMIN**.

***BENNETT** (P)—Orig. 1890, L. W. Bennett, Cincinnati, Ohio; int. 1900. Berry medium, wedge-conic, dark scarlet; flesh medium red, medium firm, sweet, good; runners moderate. Medium late.

BENOY (S) (Buoy; Ran Benoy)—Orig. Ran Benoy, Matthews, Ind.; **BUBACH** x **JESSIE**; int. about 1897. Berry large, very irregular and coxcombed, crimson; flesh medium, red, medium firm, acid, good; runners few. Midseason.

***BERLIN** (of Schild) (P)—Orig. 1902, H. J. Schild, Ionia, Mich.; seedling of **HAVEERLAND**; int. 1907. Berry large, irregular wedge-conic, light crimson; flesh whitish, firm, sub-acid, fair; runners moderate. Midseason.

***BERLIN** (of Indiana) (S)—Berry medium, round-conic, light crimson; flesh light red, medium firm, sub-acid, good; runners moderate. Midseason.

BERLIN (of Clark) (P)—Orig. 1892, A. H. Clark, Cambridge, Md.; seedling of **BUBACH**; int. 1895. Berry medium to large, round-conic, dark crimson, medium firm, fair; runners numerous. Midseason.

BERNICE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, light scarlet, firm; flesh red.

Berry Seedlings—Several seedlings of Peter A. Berry, Logansport, Ind., one of which was int. as **NONESUCH**. Also several seedlings of J. S. Berry.

BESECK (P)—Orig. P. M. Angur & Sons, Middlefield, Conn.; chance seedling; int. about 1888. Berry medium, round-conic, slightly necked, scarlet; flesh light red, medium firm, sweet, good; runners moderate. Midseason.

***BESSIE** (of Boomhower) (S)—Orig. 1899, D. B. Boomhower, Greenville, N. Y.; chance seedling; int. about 1911. Berry medium, conic to wedge-shape, obtuse, dull scarlet; flesh light red, medium firm, sweet, good; runners numerous. Midseason.

BESSIE (of Schnadiebach) (P) (Bessaise)—Orig. Julius Schnadiebach, Grand Bay, Ala.; seedling of **CRESCENT**; int. 1891. Berry medium, conic, bright crimson, medium firm; flesh medium red, good; runners numerous. Midseason.

***BETH**—Orig. M. H. Ridgeway, Wabash, Ind.; listed in 1903. Berry medium, round-conic, good.

***BETHEL** (of Thomas) (S)—Orig. 1906, R. F. Thomas, Greenwood, Del.; **BUBACH** x **HOFFMAN**; int. 1910. Berry large, dark crimson, irregular roundish; flesh red, firm, acid, good; runners numerous. Medium early.

BETHEL (of Shockley) (P)—Orig. H. W. Shockley, Donnelsville, Ohio; int. about 1896. Berry medium to large, irregular round-conic, dark crimson; flesh dark red, medium firm, good; runners numerous. Medium late.

***BETTER BELT** (S)—Int. about 1909. Berry medium, round-conic, dark scarlet; flesh medium red, firm, mild sub-acid, fair. Midseason.

***BEVERLY** (S)—Orig. 1887, Benj. M. Smith, Beverly, Mass., seedling **MINER'S PROLIFIC**; int. 1892. Berry medium, irregular round-conic, dark crimson; flesh light red, firm brisk sub-acid, very good; runners numerous. Midseason. Has been a popular commercial variety in New England.

***BIANCA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada. Runners moderate. Listed in 1914.

BICKLE (P)—Orig. Indiana; int. about 1886. Berry small, round-conic, scarlet; flesh light red, medium firm, fair; runners moderate. Midseason.

BIDWELL (S) (Centennial, of some)—Orig. 1872, Benj. Hathaway, Little Prairies Ronde, Mich., by crossing a pistillate seedling of his, raised from **OLD SCARLET**, with "some modern variety"; int. in 1877 as **CENTENNIAL**, by H. E. Bidwell, of South Haven, Mich., to whom Mr. Hathaway had sold several of his unnamed seedlings, including this one. Name changed to **BIDWELL** in 1880. Berry medium to large, long-conic, with a long neck, bright crimson, often with green tips; flesh light red, medium firm, sub-acid, good; runners moderate. Early. Valued for home use for many years.

BIG BEN (S)—Listed in 1900. Berry small to medium, round-conic, dark crimson, soft, fair; runners moderate. Midseason.

Big Berry—Syn. of **MAXIMUS**.

BIG BOB (of Piqua) (P)—Orig. J. W. Nigh, Piqua, Ohio; **RUSSELL'S PROLIFIC** x **WILSON**; int. 1882. Berry medium, roundish, crimson; flesh medium red, soft, acid, poor; runners few. Midseason.

BIG BOB (of Cloud)—Orig. R. L. Cloud, Independence, La., **CUMBERLAND TRIUMPH** x **NEUNAN**; int. about 1885.

***BIG BOBS** (S)—Orig. R. M. Shaw, Waterville, Nova Scotia; int. about 1909. Berry very large, irregular, roundish to long, scarlet; flesh light red, firm, sub-acid, very good; runners moderate. Late.

BIG BOB'S BABY—Orig. J. W. Nigh, Piqua, Ohio; seedling of **BIG BOB**; int. 1885.

Big Joe—Syn. of **JOE**.

BIG MACK (S)—Orig. John Anderson, Knox county, Tenn.; int. about 1892. Berry large, dark crimson, firm, very good.

***BIG ROCK** (S)—Orig. 1905, H. J. Schild, Ionia, Mich.; **DAWN** x **RED QUEEN**; int. 1910. Berry large, irregular wedge-shape, crimson; flesh medium red, firm, sweet, good; runners numerous. Medium late.

Big Victor—See **VICTOR**.

BIRCHARD (S)—Orig. 1881, S. D. Birchard, Scott, Ontario; int. about 1889. Berry medium, round-conic to wedge-shape, dark crimson; flesh red, firm, good. Medium early.

BIRD (P)—Orig. W. F. Bird, Ann Arbor, Mich.; **MANCHESTER** x **MOUNT VERNON**; int. about 1892. Berry large, long-conic, dark scarlet; flesh light red, firm, very good; runners numerous. Medium early.

Bird—See **EARLY BIRD**.

***BISEL** (P) (Biasell)—Orig. 1887, D. L. Bisel, Tonti, Marion county, Ill.; seedling of **WILSON**; int. 1893 as **Dan Bisel**. Berry medium to large, round-conic, light crimson; flesh light red, medium firm, sub-acid, fair; runners numerous. Midseason. Bisel Improved, listed in 1912, is probably a selection.

BISHOP—Orig. Canada; int. about 1869. Berry large, scarlet; flesh whitish, soft, fair. Distinct from **BISHOP'S ORANGE**, a European variety tested here about 1840.

***BISMARCK** (S) (Bismark)—Orig. J. C. Bauer, Judsonia, Ark.; **BUBACH** x **VAN DEMAN**; int. about 1895. Berry medium to large, round-conic, scarlet; flesh light red, medium firm, briak sub-acid, good; runners few. Medium late. Was once considered a close competitor of **BUBACH**, but its lighter color and smaller size are against it. Chiefly interesting as the reputed parent of **PAN-AMERICAN**, the first of the modern race of "Everbearers."

***BITTNER** (S) (Bittner's Early)—Orig. Geo. Bittner, Milan, Ohio; int. 1897. Berry small to medium, round-conic, uneven color, firm, mild sub-acid, good; runners few. Early.

Bittner—See **LATE BITTNEE**.

BIXLER (S)—Orig. C. G. Bixler, Three Rivers, Mich.; int. about 1896. Berry medium, round-conic, light scarlet, medium firm, very good; runners numerous. Midseason.

Black—See **LONG JOHN** (of Burdette).

***BLACK BEAUTY** (P to Semi-S)—Orig. 1905. H. J. Schild, Ionia, Mich.; **DAWN** x a seedling of **DAWN** x **IONIA**; int. 1910. Berry large, roundish to round-conic, necked, dark crimson; flesh dark red, firm, sub-acid, good; runners numerous. Midseason. One of the so-called "fig-type" varieties, said to possess "self-preserved properties," and to be valuable for drying.

BLACK DEFiance (S)—Orig. 1860, E. W. Durand, Irvington, N. J.; **GREEN PROLIFIC** x **TRIOMPPE**; int. 1868. Berry large, irregular-conic, often coxcombed, dark crimson; flesh dark red, medium firm, sub-acid, very good; runners few. Early. This was a popular amateur variety for many years; required high culture, like all of Durand's seedlings.

BLACK GIANT (S)—Orig. E. W. Durand, Irvington, N. J.; int. about 1875. Berry large, irregular round-conic, very dark crimson; flesh dark red, medium firm, good; runners numerous.

BLACK PRINCE (P)—Orig. 1820, John Wilmot, Isleworth, England; seedling of **KEENS' IMPERIAL**. Berry medium, roundish, very dark crimson; flesh dark red, medium firm, mild sub-acid, very good; runners moderate. Medium early. This famous "pine" strawberry was widely grown here between 1840 and 1855, before the advent of **WILSON**, of which it is supposed to be a parent. It also was used in producing a number of other North American varieties.

***BLAINE** (S to Semi-S)—Orig. 1902, J. W. Blaine, Polk City, Iows, supposed to be a seedling of **GANDY**, which it closely resembles; int. 1907. Berry medium, round-conic, dull scarlet; flesh medium red, firm, acid, good; runners numerous. Late.

***BLIZZARD** (S) (Blizzrd Belt)—Orig. C. F. Gsrdner, Ossge, Iows; int. 1909. Berry medium, round-conic, dark crimson; flesh medium red, medium firm, acid, good; runners moderate. Mideason to late.

***BLIZZARD KING** (S)—Orig. C. F. Gsrdner, Ossge, Iows; int. 1912.

BLONDE (S)—Orig. 1890, Granville Cowing, Muncie, Ind., supposed to be a seedling of **HAVERLAND**; int. 1895. Berry medium, round-conic, light scarlet; flesh light red, medium firm, fair; runners numerous. Medium late.

***BLUEBELL**—Listed in 1904, as "soft, but grown for near market in N. J."

BOB BUBACH (S)—Orig. W. W. Sewell, Carthage, Mo.; int. about 1897. Berry large, round-conic, light crimson; flesh light red, firm, good; runners numerous. Late.

***BOBOLINK** (S)—Orig. Myer & Son, Bridgeville, Del.; chance seedling; int. about 1900. Berry large, irregular-conic, light crimson, medium firm, good. Early.

Bob Rusk—See **ROB RUSK**.

***BOB WHITE** (S)—Listed in 1915. Berry medium, round-conic, dsrk crimson. Midseason.

BOECKLEY (P)—Listed in 1897. Berry medium, dsrk scarlet, medium firm, fair. Mideason.

BOGAERT—Listed in 1900. Very good. Esrly.

BOMBA (S)—Orig. 1880, Wm. Psrry, Psrry, N. J.; seedling of **CRIMSON CLUSTER** (of Durand); int. 1885. Berry medium, round-conic, dsrk crimson; flesh dsrk red, firm, scid, very good; runners moderate. Medium esrly.

***BONANZA** (S) (Pineapple, of some; Apple)—Orig. about 1880, Henry Young, Ads, Ohio; int. about 1885. Berry medium to lsrg, irregulsr roundish to wedge-shspe, with long neck, scarlet; flesh light red, soft, salvy, with a bsns flavor, acid, good; runners moderate. Midseason. First sent out ss **BONANZA**, and later re-introduced as Pineapple, under which name it has been more widely disseminstet. See also **MAXIMUS**.

***BOSTON** (P) (Miss Boston)—Int. about 1905. Berry medium to lsrg, round-conic, crimson, medium firm; flesh medium red, sub-acid, fair; runners moderate. Medium early.

BOSTON BEAUTY—Described in 1870 ss "large, soft, handsome, somewhat resembles EIVEE'S ELIZA; ssid to have orig. near Boston."

BOSTONIAN (S)—Orig. B. F. Lincoln, W. Hinghsn, Msse.; int. about 1894. Berry medium to large, round-conic, scarlet, medium firm, very good; runners moderate. Medium esrly.

BOSTON PINE (S) (Bartlett)—Orig. 1834, C. M. Hovey, Boston, Mass., supposed to be **GROVE END SCARLET** (an English variety of *F. virginiana* x **KEEN'S SEEDLING** (an English "pine" vrsity); int. 1845. Berry medium, round-conic, dark crimson; flesh light red, medium firm, sweet, very good; runners numerous. Early. Originated from the esme lot of seeds as **HOVEY**; largely grown nesr Boston from 1850 to 1865 to pollinste that vrsity. Passed out of cultivation about 1885.

***BOSTON PRIZE** (P)—Orig. N. C.; int. about 1900. Berry medium to lsrg, conic, bright scarlet; flesh light red, soft, sub-acid, fsir; runners few. Late.

***BOTHAM** (S)—Listed in 1906. Berry medium, round-conic, dsrk crimson; flesh dsrk red, firm, very good; runners numerous. Midseason.

BOUDINOT (S)—Orig. 1862, H. Boudinot, Alexandris, Ohio, seedling of **WILSON**; int. 1867. Berry large, round-conic, scarlet; flesh light red, firm, sub-acid, good; runners numerous. Esrly.

BOULDER KING—Orig. Mr. King, Boulder county, Colo.; int. 1896.

BOUNCE (S)—Orig. Mr. Ball, Conn.; **JERSEY QUEEN** x **MINER'S PROLIFIC**; int. 1895. Berry medium, irregulsr roundish, dark crimson; flesh light red, firm, good; runners moderate. Midseason.

***BOUNTIFUL** (S)—Orig. 1900, J. E. Kuhns, Cliffwood, N. J.; **GLEN MARY** x **CLYDE**; int. 1908. Berry medium to large, round-conic, light crimson; flesh medium red, firm, sub-acid, good; runners few. Esrly to midseason.

Bouquet—See **BANQUET**.

***BOWERS** (S)—Orig. W. E. Bowers, Monett, Mo.; int. about 1906. Berry very large, long, crimson, firm, good; runners few.

BOWMAN (S)—Orig. Mark T. Thompson, Cleveland, Ohio; int. about 1890. Berry large, round-conic, scarlet; flesh medium red, soft, very good. Medium esrly.

Boyden's Mammoth—Sent out as a seedling by Seth Boyden, Newark, N. J., about 1860, but proved to be identical with TROLLOPE'S VICTORIA.

Boynton—Orig. Albany, N. Y., said to be CRESCENT x SHARPLESS; int. 1891. Identical with CRESCENT.

*BRADLEY (S)—Orig. about 1896, J. H. Bradley, Cobden, Ill., a seedling of CRESCENT supposed to be x TENNESSEE or CRYSTAL CITY; int. about 1905. Berry medium, irregular round-conic to wedge-shape, crimson; flesh light red, medium firm, acid, fair; runners moderate. Midseason.



FIG. 1—BRANDYWINE—POPULAR IN SOUTHERN CALIFORNIA

*BRANDYWINE (S)—Orig. in 1889, E. T. Ingram, Westchester, Pa.; a chance seedling, supposed to be GLENDALE x CUMBERLAND TRIUMPH; int. in 1895. Plant stocky, leaves medium green; runners moderate; fruit stalks long, carried well above the foliage; berry large, broadly round-conic, unattractive dull dark crimson; calyx very large, easily detached; seeds yellow, exserted, but not prominent; flesh dark salmon red, rather coarse grained, firm, core hollow; flavor brisk sub-acid, moderately rich; quality good. Medium late. Valued in many districts, especially in Southern California. The calyx frequently turns brown after the berry is picked which injures the appearance of the fruit. A good canning variety.

BREEZE'S SEEDLING (S)—Listed in 1897. Berry medium, round-conic, crimson, firm, good. Midseason.

BRIDGETOWN PINE—Listed in 1870 as "A Connecticut Seedling."

BRIGHT IDA (S) (Bright Idea)—Orig. about 1878, Chas. Arnold, Paris, Ont.; a seedling of an unnamed seedling resulting from a cross between NICAISE and WILSON; int. 1881. Berry large, round-conic, scarlet, medium firm, mild sub-acid, good; runners numerous. Midseason.

BRIGGS (S)—Orig. Rhode Island; int. about 1893. Berry medium, round-conic, crimson, medium firm, good. Early. This was "Briggs' No. 2." "Briggs' No. 1" was a piatillate variety, not widely disseminated.

BRIGHTON PINE (S)—Orig. John C. Scott, Brighton, Mass.; int. 1856. Berry medium to large, round-conic, with short neck, light crimson, soft, sub-acid, good. Early. Grown considerably near Boston about 1865.

*BRILLIANT (of Bauer) (S)—Orig. J. A. Bauer, Judaonia, Ark.; seedling of BUBACH; int. about 1906. Berry medium, round-conic, crimson, firm; runners numerous. Late.

BRILLIANT (of Prince)—Orig. about 1845, W. E. Prince, Flushing, N. Y.; seedling of CRIMSON CONE; int. about 1855. Berry large, conic, dark scarlet, good.

BRILLIANT (of Durand)—Orig. E. W. Durand, Irvington, N. J.; int. 1868. Berry large, light scarlet; flesh whitish, soft.

BRILLIANT (of Storer) (S)—Orig. about 1876, W. B. Storer, Akron, Ohio; int. 1880. Berry small to medium, round-conic, light scarlet; flesh light red, medium firm, mild sub-acid, fair.

***BRITISH QUEEN** (S) (Myatt's British Queen)—Orig. about 1840, by Myatt, a market gardener of Deptford, England. Berry large, round-conic to wedge-shape, often coxcombed, scarlet; flesh light red, medium firm, sweet, very good; runners moderate. Early. One of the most famous English varieties; rarely grown here. An American seedling of British Queen, sent out under the same name, is apparently identical with it.

BROOKE SEEDLING (P)—Orig. F. W. Brooke, Ithaca, Mich.; int. about 1894. Berry medium, round-conic, dark crimson; flesh medium red, medium firm, very good; runners moderate. Midseason.

Brook's Prolific—Syn. of **IOWA** (of Cincinnati).

BROOKLYN SCARLET (S)—Orig. 1859, A. S. Fuller, Ridgewood, N. J.; seedling of **PEABODY'S SEEDLING**; int. 1863. Berry medium, long-conic, necked, bright scarlet; flesh whitish, soft, sweet, very good; runners few. Very early.

***BROWN** (Brown's Beauty)—Orig. about 1900, G. W. Brown, Yates county, N. Y.; int. 1913. Brown—See **BUSTEE BROWN**, **OLD JOHN BROWN**.

***BROWN GIANT** (Brown's Giant)—Int. 1915. Berry large, crimson; flesh red, firm.

***BROWNIE** (S)—Orig. LeRoy M. Brown & Son, Clyde, Ohio; **CUMBERLAND TRIUMPH** x **BLACK DEFiance**; int. 1899. Berry medium, irregular round-conic, light crimson; flesh light red, medium firm, good; runners few. Midseason.

BROWN'S WONDER—Int. about 1873.

***BRUNDIDGE** (P)—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry medium, conic, bright crimson; flesh medium red, soft, good; runners numerous. Midseason.

***BRUNETTE** (S)—Orig. 1886, Granville Cowing, Muncie, Ind.; int. 1890. Berry medium to large, round-conic, very dark crimson; flesh dark red, firm, sweet, very good; runners few. Midseason. Valued for home use.

***RYAN** (S) (W. J. Bryan)—Orig. 1890, J. M. Green, Salem, Ill.; int. 1900. Berry large, round-conic, light crimson; flesh light red, firm, good; runners numerous. Midseason.

RYAN'S SATISFACTION (S)—Orig. S. Bryan, Vineland, N. J.; **WILSON** x **HOOKER'S SEEDLING**; int. about 1869. Berry medium, round-conic, crimson, firm, good.

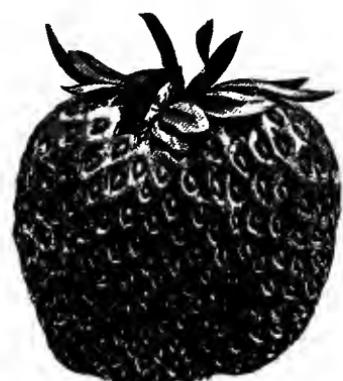
RYANT (S) (Wayne County Eureka)—Orig. 1885, L. J. Bryant, Newark, N. Y.; chance seedling of **CRESCENT** or **SHARPLESS**; int. about 1891. Berry large, round-conic, slightly angular, bright crimson; flesh dark red, firm, good; runners numerous. Midseason to late.

***BUBACH** (P) (Western Union, of some)—Orig. in 1882 by J. G. Bubach, Princeton, Ill., one of several seedlings from hand-sown seeds of unknown parentage; int. in 1886. Plant rather low, spreading; leaves large, dark green; runners few; fruit stalks short, rather weak; flowers large; berry large to very large, irregular-conic, usually ribbed, waxy light crimson; calyx large, adherent; seeds large, even with the surface; flesh medium red streaked with white, medium firm to soft, coarse grained; core solid, sub-acid, fair. Midseason. Widely grown between 1890 and 1905, and still valued for home use or near-by markets. Commonly pollinated with Michel, Clyde or Aroma. When properly pollinated Bubach is one of the heaviest yielding varieties grown and it usually carries out all its berries to a good size. Pronounced Bubaw. Bubach, Jr., int. about 1901, and Improved Bubach, int. 1911, do not differ materially from the type.

***BUCKS** (S)—Orig. Robt. P. Lovett, Fallsington, Pa.; int. 1913. Berry large, round-conic, light crimson, firm; runners numerous. Midseason.

Buechey's Seedling—Syn. of **GREENVILLE**.

FIG. 2—**BUBACH**—ONE OF THE
MOST PRODUCTIVE PISTILLATES
(From R. M. Kellogg Co.,
Three Rivers, Mich.)



Buffalo Seedling—Said to have orig. 1858, N. S. Smith, Buffalo, N. Y.; int. 1864. Indistinguishable from **McAVOY'S SUPERIOR**.

BUIST'S PRIZE (S)—Orig. 1842, Robert Buist, Philadelphia, Pa.; int. 1846. Berry medium, roundish, scarlet, soft, good. Early. Popular near Philadelphia about 1850.

BUKER (S)—Orig. F. M. Baker, Rome City, Ind.; int. about 1895. Berry medium, round-conic, scarlet, very deeply pitted, firm, mild sub-acid. Midseason.

***BULL MOOSE** (P)—Orig. 1901, T. C. Kavitt, Athenia, N. J.; chance seedling in a bed of **GLEN MARY**; int. 1912. Berry large, obtuse-conic, dull crimson; flesh medium red, very firm, sweet, good; runners moderate. Midseason.

Bullrose—Orig. J. B. Miller, Anna, Ill. Grown somewhat in Southern Illinois about 1896.

Bunce Seedling—Said to have been brought to Marblehead, Mass., from the East Indies, about 1860; proved to be **CUTTERS' SEEDLING**.

Buoy—Corruption of **BENOY**.

BURGESS—Orig. J. B. Burgess, New Bedford, Mass.; int. 1851. Berry medium, roundish, bright scarlet, firm, very good. Midseason.

BURNETT (S)—Orig. Mark T. Thompson, Rio Vista, Va.; int. about 1896. Berry large, round-conic, bright crimson; flesh dark red, medium firm, very good. Midseason.

***BURRILL** (Dr. Burrill) (S)—Orig. 1909, J. R. Reasoner, Urbana, Ill.; **CRESCENT** x **DUNLAP**; int. 1916. Berry medium, conic, slightly necked, dark crimson; flesh dark red, firm, good; runners numerous. Midseason.

BURR OAK (S)—Orig. A. N. Jones, LsRoy, N. Y.; int. about 1878. Berry large, long-conic, crimson, firm, very good. Resembles **KENTUCKY**.

BURE'S NEW PINE (P)—Orig. 1845, John Burr, Columbus, Ohio; **HOVEY** x **BURR'S SEEDLING**; int. 1848. Berry medium, round-conic, light crimson; flesh whitish pink, very soft, sweet, very good to best; runners moderate. Very early. Lacking in vigor and hardiness, too soft for market, and requiring high culture; yet having the most exquisite quality of any North American variety. Grown for home use until 1885.

BURR'S SEEDLING (S) (Burr's Old Pine; Burr's Staminant)—Orig. John Burr, Columbus, Ohio; int. about 1836. Berry medium, round-conic, light scarlet, mild sub-acid, very good. It never was as popular as **BURE'S NEW PINE**.

Burt—Found in 1887 growing in a bed of **WILSON** and **COLONEL CHENY** on the farm of Mias Burt, Scriba, N. Y.; int. about 1890. Widely disseminated under this name, and a popular commercial variety in many places but generally considered identical with **CAPTAIN JACK**.

***BUSH CLUSTER** (P) (Sweet Cluster)—Orig. J. A. Bauer, Judsonia, Ark.; **CRESCENT** x **CHAS. DOWNING**; int. 1899. Berry large, irregular round-conic, crimson; flesh light red, medium firm, good; runners numerous. Midseason. At least one unidentified variety has also passed under this name.

***BUSTER** (P)—Orig. C. C. Stone, Moline, Ill.; **BUBACH** x **SHARPLESS**; int. about 1902. Berry large, round-conic, scarlet; flesh light red, medium firm, mild sub-acid, good; runners numerous. Medium late.

***BUSTER BROWN** (S)—Orig. W. J. Alt, Lancaster, Ohio; int. 1908. Berry medium to large, irregular wedge-conic, dark crimson; flesh dark red, firm, sub-acid, very good; runners few. Midseason.

BYBERRY—Int. about 1867.

CALEB COPE (P)—Int. before 1857. Berry medium to large, long-conic, light crimson; flesh whitish, good.

CALIFORNIA (of Smith)—Listed 1855 as "Orig. Meaars. Smith, Sacramento, Calif.; very long-conic."

CALIFOENIA (of Delaware) (S)—Orig. Del.; int. about 1889. Berry medium, long-conic, necked, dull dark scarlet; flesh dark red, firm, sub-acid, good; runners few. Midseason to late.

CALIFORNIA PINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1858. Berry medium, irregular ovate, necked, scarlet, acid.

CALLIOPE—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry obovate, crimson.

CAMAEGO (P)—Orig. W. W. Jones, Camargo, Ill.; int. about 1872. Berry large, bright crimson; flesh medium red, soft, sweet, good.

CAMBRIDGE (P)—Orig. J. Richards, Cambridge, Mass.; int. 1848.

***CAMERON** (S) (Cameron's Early)—Orig. J. W. Cameron, East Rochester, Ohio; int. 1902. Berry medium or below, round-conic, scarlet; flesh light red, soft, sub-acid, fair; runners moderate. Early.

CAMERONIAN (S)—Orig. J. W. Cameron, East Rochester, Ohio; int. 1891. Berry medium to large, irregular, dark crimson; flesh medium red, firm, good; runners moderate. Midseason.

***CAMP** (P) (Camp's Mammoth)—Orig. H. N. Camp, Knoxville, Tenn.; int. 1913.

CANADA—Int. 1867. Supposed to be **WILSON x TRIOMPHE**.

Canada—See **EARLY CANADA**.

CANADA WILSON (S)—Int. about 1894. Practically the same as **WILSON**, but berries smaller.

***CANFIELD** (P)—Orig. T. B. Carlisle, Lisbon, Ohio; int. about 1912. Berry medium, conic, bright crimson, soft, mild sub-acid, good; runners numerous. Midseason.

***CAPTAIN JACK** (S) (Burt)—Orig. about 1870 by Samuel Miller, Bluffton, Mo.; a chance seedling, supposed to be of **WILSON**; int. in 1874. Plants erect; leaf stalks smooth wiry with very dark green foliage; runners numerous; fruit stalks recumbent, much branched; berry medium, regular round-conic, bright scarlet; calyx medium, closed, easily detached; seeds slightly raised; flesh light red, very firm; core solid; flavor acid; quality good. Medium early. A standard sort for many years, especially in the Rocky Mountain States, where it has been used extensively for shipping and canning. One of the hardiest varieties, stands drought well, and a good pollinizer.

***CARDINAL** (of Streator) (P)—Orig. 1896, Geo. J. Streator, Garretville, Ohio; chance seedling, supposedly of **WARFIELD**; int. 1905. Berry large, conic, dark crimson; flesh dark red, firm, acid, good; runners numerous. Midseason. The introducer paid the originator \$1,000 for this variety. Distinct from the English variety of same name; int. here in 1895, but not widely planted.

CARDINAL (of Augur) (S)—Orig. P. M. Augur, Middlefield, Conn.; int. about 1887. Berry large, round-conic, often necked, light scarlet; flesh whitish, medium firm, good. Midseason.

***CARLETON** (P)—Orig. 1888, Wm. Saunders, Central Exp. Farm, Ottawa; int. about 1894. Berry medium, round-conic, scarlet; flesh medium red, medium firm, sub-acid, good; runners numerous. Late.

Carlisle Seedling—Several seedlings orig. by T. B. Carlisle, Lisbon, Ohio, have been sent out for trial. One of these was int. as **HIGHLAND**.

***CARMAN**—Listed in 1902.

***CARMI** (P) (Carmi Beauty)—Orig. 1891; chance seedling; int. 1900. Berry medium, conic, scarlet, medium firm, good; runners few. Medium early.

CARMICHAEL (P)—Orig. E. W. Reid, Bridgeport, Ohio; int. about 1888. Berry medium, irregular-conic, light crimson, medium firm, fair. Late.

Carolina—Syn. **OLD PINE**.

CAROLINE (S)—Orig. J. B. Moore, Concord, Mass.; int. about 1870. Berry large; round-conic, light crimson; flesh medium red, soft, good; runners moderate. Midseason.

***CARIE** (P)—Orig. Mark T. Thompson, Rio Vista, Va.; seedling of **HAVERLAND**; int. about 1894. Berry large, long-conic, dark scarlet; flesh medium red, medium firm, acid, good; runners moderate. Medium late. In some places considered an improvement on its parent.

CARIE CRESCENT (P)—Orig. W. W. Sewell, Carthage, Mo.; int. about 1897. Berry large, conic, light crimson; flesh light red, medium firm, sub-acid, good. Midseason.

***CARIE DUMAS** (P)—Orig. Louis Hubach, Jndsonis, Ark.; int. 1904. Berry medium, conic, bright crimson; flesh light red, soft, fair; runners moderate. Medium early.

CARIE ROSS—Orig. Chas. Garfield, Medford, Mass.; int. about 1875. Berry light crimson, good.

***CARIE SILVERS** (P)—Orig. 1893, J. H. Black, Son & Co., Hightstown, N. J.; **WARFIELD x SHARPLESS x PARKER EARLE**; int. 1899. Berry medium to large, long-conic, obtuse, slightly necked, dark crimson; flesh dark red, firm, acid, good; runners numerous. Midseason.

CASCADE (Cascade Beauty)—Orig. S. L. Watkins, Grizzly Flats, Calif.; int. 1903.

CASSADY'S RUSSELL—Orig. Chas. Cassady, Des Moines, Iows.; seedling **RUSSELL'S PROFILIC**; int. about 1868. Berry large, conic, dark crimson, medium firm, good.

***CASSANDRA** (P)—Orig. 1906, Central Exp. Farm, Ottawa, Canada; seedling **BUBACH**; int. 1913. Berry large, roundish wedge-shape, bright scarlet; flesh medium red, moderately firm, brisk sub-acid, good; runners moderate. Midseason to late.

***CATHERINE** (P)—Orig. J. F. Cannon, Susaex county, Del.; int. about 1903. Berry medium, round-conic, bright scarlet; flesh light red, medium firm, brisk sub-acid, fair; runners moderate. Early.

CARTHAGE QUEEN—Listed in Mo., 1888.

CAUGHELL—Orig. G. H. Caughell, Aymer, Ont.; int. about 1895. Berry medium, conic, necked, medium firm, good. Midaeason.

CAYWOOD—Orig. Caywood & Ferris, Poughkeepsie, N. Y.; int. about 1869.

CECILIA—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, crimson.

***CELIA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada. Listed in 1913.

CENTENNIAL—Orig. 1876, Thos. Allen, Pittfield, Mass.; reembled **TRIOMPHE**.

Centennial—See **OHIO CENTENNIAL; BIDWELL**.

CENTENNIAL FAVORITE (S)—Orig. E. W. Durand, Irvington, N. J.; int. 1876. Berry large, irregular round-conic, light crimson; flesh medium red, medium firm, sweet, very good; runners numerous. Late.

CETYWAGO (P)—Orig. A. J. Caywood & Son, Cetywago, N. Y.; int. about 1880. Berry large, irregular, scarlet, medium firm, acid, fair.

CHAIRS' FAVORITE (S to Semi-S) (*Chsira' Early*)—Orig. Franklin Chairs, Anne Arundel county, Md.; **BUBACH** x **SHARPLESS**; int. about 1890. Berry medium to large, round-conic, scarlet, soft, good; runners numerous. Midaaason.

***CHALLENGE** (S)—Orig. about 1884, J. R. Peck, Breckenridge, Mo.; int. 1902. Berry medium, irregular wedge-conic, dull crimson; flesh medium red, medium firm, sweet, fair; runners moderate. Midseason.

Chambera—Said to have orig. Kinney & Sons, Ohio; int. 1891. Proved to be **CUMBERLAND TRIUMPH**.

***CHAMP CLACK**—Listed 1914. Orig. D. C. Tibbs, Nashville, Tenn., chance seedling.

***CHAMPION** (of Neff) (P)—Orig. J. C. Neff, Carlisle, Pa.; int. about 1870. Berry medium to large, round-conic, light crimson; flesh medium red, medium firm, acid, good; runners numerous. Midseason. A popular commercial sort in the East between 1880 and 1890, for near markets. Largely displaced by one of its seedlings, **WINDSOE**, which very closely resembles it.

CHAMPION (of Turnbull)—Orig. Roht. Turnbull, New Rochelle, N. Y.; int. 1872. Berry large, irregular roundish, dark crimson, good; runners few. The English variety, **LAXTON'S CHAMPION**, has also been tested here in a limited way.

Champion—See also **STROUSE CHAMPION, WORLD CHAMPION**.

***CHAMPION KLONDIKE**—Orig. Louia Hubach, Judsonia, Ark.; int. 1915; **KLONDIKE** x a pistillate variety. Berry large, roundish, light crimson, firm; runners numerous. Midseason.

CHAMPION OF ENGLAND (S)—Said to have orig. by R. S. Johnaton, Shortsville, N. Y.; int. about 1894. Berry medium to large, irregular, long-conic, medium firm, good; runners numerous. Late. Possibly an English variety.

CHAMPION OF KENTUCKY—Listed 1890. Berry medium, dark crimson; flesh light red, firm, sweet, very good. Early.

CHANCELLOR—Listed 1870, as "Originated by Downing," presumably by Chas. Downing.

CHARLES DOWNING (S)—Orig. in 1860 by J. S. Downer, Fairview, Ky.; a seedling of **DOWNER'S PROLIFIC** which was said to be a seedling of the Iowa native strawberry; int. in 1867. Plant erect; leaf stalks downy, tall and slender; runners moderate; fruit stalks slender, procumbent; berry medium to large, conic, bright scarlet; calyx spreading, recurved; flesh light red, medium firm, mild sub-acid, good. Midaeason. Between 1870 and 1890, this variety was a close competitor of the **WILSON**, although it was not as good a shipper since it lacked firmness. It was valued especially for family use and near markets. In some sections it ruated badly.

CHARLES' FAVORITE—Orig. Thos. Edmondson, Baltimore, Md.; seedling of **HOVEY**; int. 1857. Berry large, round-conic, scarlet; flesh medium red, firm, good. Early.

***CHARLES I** (S)—Orig. 1907, Geo. Mann, Bridgeman, Mich.; int. 1911. Berry medium, round-conic, bright crimson, firm; runners numerous.

***CHARLES NEWMAN** (S) (Newman, of some)—Orig. Louis Hubach, Judaonis, Ark.; **AROMA** x **EXCELSIOR** (of Hubach); int. about 1909. Berry medium or below, roundish, dark crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Early.

Charleston, or Charleston Berry—Syn. of **NEUNAN**.

CHARLIE (P)—Orig. Mark T. Thompson, Rio Vista, Va., from mixed seed; int. 1894. Berry medium, round-conic, bright scarlet, medium firm, fair; runners numerous. Midseason.

CHARLIE CRESCENT (S)—Orig. W. W. Sewall, Carthage, Mo.; int. 1897. Berry medium, irregular conic, medium firm, fair. Midseason.

CHARLOTTE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1849. Berry large, roundish, dark scarlet, sweet, good.

Chataqua Perpetual—Said to have orig. L. Ristley, Fredonia, N. Y.; int. 1853. Proved to be the common **RED ALPINE**.

***CHELLIE (S)**—Orig. 1896, Nathan Barton, Camden, N. J.; int. 1901. Berry large, round-conic, often necked, light crimson; flesh medium red, medium firm, mild sub-acid, good; runners few. Midseason.

CHENANGO (S)—Orig. C. W. Graham, Afton, N. Y.; int. about 1897. Berry medium, round-conic, light scarlet; flesh light red, medium firm, acid, poor. Midseason.

CHEROKEE (S)—Grown somewhat in the South about 1894. Berry medium or below, round-conic, medium firm, good. Midseason.

***CHESAPEAKE (S)**—Orig. 1903, Geo. W. Parks, Nanticoke Point, Md.; chance seedling; int. 1906. Berry large, round-conic, bright crimson; flesh medium red, very firm, mild sub-acid, very good; runners few. Medium late. Rapidly growing in favor as a market variety, especially in the Atlantic States.

***CHESTER (City of Chester) (P)**—Orig. Chester, Pa., about 1911; chance seedling; int. 1914. Berry large, round-conic, crimson; flesh medium red, firm, rich sub-acid, good; runners moderate. Midseason.

CHESTER—Listed in 1859.

CHEYENNE (P)—Orig. James Stayman, Leavenworth, Kan.; int. about 1892. Berry medium, irregular long-conic, with prominent neck, bright scarlet; flesh light red, medium firm, good; runners few. Midseason.

***CHICAGO MARKET**—Listed in 1914.

CHILDS (S) (Childs' First Season)—Int. 1892 by John Lewis Childs, Floral Park, N. Y. Some of the plants sent out under this name proved to be **IOWA BEAUTY**; others were **GANDY**; the "true" Childs was an early variety, dark crimson, sweet, good.

***CHIPMAN (S)**—Orig. about 1901, Mr. Chipman, Lincoln, Del.; chance seedling in a bed of **BUBACH** and **TENNESSEE**; int. 1907. Berry medium, irregular long-conic to wedge-shape, crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Early. Valued in Delaware.

***CHIPPEWA (P)**—Orig. E. M. Buechley, Greenville, Ohio; int. about 1909. Berry medium, conic to wedge-shape, light crimson, medium firm, fair. Medium early.

CHORLTON'S PROLIFIC (S) (Charlton's Prolific)—Orig. 1852, Wm. Chorlton, New Brighton, N. Y.; **BURR'S NEW PINE** x **IOWA** (of Cincinnati); int. 1859. Berry large, roundish, necked, scarlet; flesh light red, soft, acid, very good; runners numerous. Early. Closely resembled **IOWA** (of Cincinnati).

CINCINNATI PINE—Listed in 1848 as "a new variety from Cincinnati." Possibly one of John Burr's seedlings.

Cinda—Probably erroneous for Linda, which is **MELINDA**.

CINDERELLA (S)—Orig. 1873, Oscar Felton, Mechanicsburg, N. J.; int. about 1878. Berry large, conic, often necked, bright scarlet; flesh light red, medium firm, very good; runners moderate. Early. Resembled **TRIOMPHE**.

***CLARA (S) (Clara Barton)**—Orig. 1903, J. E. Kuhns, Cliffwood, N. J.; **SAMPLE** x **WILLIAM BELT**; int. 1909. Berry medium, irregular round-conic, dark crimson; flesh red, firm, sweet, very good; runners numerous. Midseason.

Clara—Syn. of **FLORENCE** (of Thompson).

***CLARENCE (of Thompson) (S)**—Orig. Mark T. Thompson, Rio Vista, Va.; int. about 1896. Berry medium, long-conic, with long neck, dark scarlet, firm, good; runners numerous. Late.

***CLARENCE (of Black) (S)**—Orig. J. H. Black, Son & Co., Hightstown, N. J.; int. about 1899. Berry large, bright crimson, firm acid. Midseason.

CLARENCE (of Prince) (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, crimson, good.

CLARISSA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Very medium, conic, light scarlet, sweet.

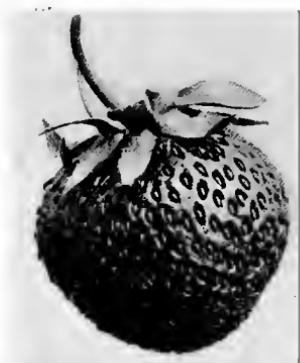


FIG. 3—CLARK—LARGELY GROWN IN THE PACIFIC NORTHWEST; HAS REMARKABLE SHIPPING QUALITIES (From R. M. Kellogg Co., Three Rivers, Mich.)

chance seedling; int. 1908. Berry medium, conic to wedge-shape, dull scarlet; flesh dark red, firm, acid, good; runners moderate. Midseason.

***CLIMAX (of Graham) (S)**—Orig. H. W. Graham, Tysakin, Md.; **BUBACH x HOFFMAN**; int. 1902. Berry medium, round-conic, obtuse, dull light crimson; flesh medium red, firm, brisk sub-acid, fair; runners moderate. Medium early. Has been grown considerably in the Atlantic States.

CLIMAX (of Prince) (P) (Prince's Scarlet Climax)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, necked, light scarlet, firm, acid, good.

CLIMAX SCARLET—Orig. 1847; Ellwanger & Barry, Rochester, N. Y.; int. 1850. Berry small, soft, dry, very good.

CLINGTO (S) (Cling To)—Orig. T. & S. B. McMillan, Columbiana county, Ohio; int. 1889. Berry medium, round-conic, light crimson; flesh light red, medium firm, good; runners numerous. Medium late.

CLINTON (of N. J.) (S)—Orig. Elias Camfield, Clinton, N. J.; int. about 1865. Berry large, roundish, crimson, medium firm, sub-acid, good. Medium early.

CLINTON (of Iowa) (S)—Orig. Iowa; int. about 1890. Berry medium, round-conic, dark scarlet, medium firm, good. Midseason.

***CLOUD (P) (Indian River Seedling)**—Orig. 1886, R. L. Cloud, Independence, La.; **CRESCENT x WILSON**; int. 1889. Berry medium, round-conic, dull dark crimson; flesh medium red, firm, acid, fair; runners very numerous. Midseason to late. Largely grown in the South, especially in Louisiana, Mississippi, southern Alabama and Florida, between 1890 and 1900. Berry small and unattractive, but very productive, stands drought well, and a good shipper. Commonly planted to pollinate NEUNAN. Resembles **CRESCENT**, except in season. Now superseded by **KLONDIKE**.

***CLUSTER (S) (Mammoth Cluster)**—Berry medium or below, round-conic, dark crimson; flesh dark red, medium firm, mild subacid, good; runners few. Midseason.

***CLYDE (S) (Cycloma)**—Orig. James Stayman, Leavenworth, Kana.; a seedling of **CYCLONE**; int. 1890. Plant spreading, leaves small, light green, foliage rather sparse; runners moderate; fruit stems of medium length, not very erect; flowering season medium early; berry medium to large, very regular in form, round-conic, light scarlet; calyx large, adherent; seeds of medium size, even with the surface; flesh medium red, medium firm, coarse-grained; core white, solid; flavor subacid; quality good. Medium early. One of the most productive

***CLARK (S) (Clark's Seedling; Clark's Early; Early Idaho; Hood River)**—Orig. by Fred E. Clark in the Mt. Tabor District, near Portland, Ore., from hand-sown seeds; supposed to be a seedling of **WILSON**; int. about 1880. Plant erect; runners moderate; fruit atama long, stout, erect; berry medium, round-conic, dark crimson; seeds bright yellow, protruding; flesh dark red, very firm; core solid; flavor sub-acid; quality good. Midseason. Grown almost to the exclusion of other sorts in the Hood River Valley, Oregon, and valued in other parts of the Pacific Northwest; fails in the East. As grown in the Northwest it has remarkable shipping qualities. It requires more moisture than many varieties, and is a light bearer. A good canning sort.

Clark's Seedlings—Several seedlings orig. in Md.; tested about 1896.

Clark—See **CHAMP CLARK**.

CLEOME (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, round-conic, light, scarlet, sweet.

CLEVELAND (S)—Orig. Ohio; int. before 1857. Berry medium, irregular conic to coxcombed, dark crimson, firm, very good.

Cleveland—See **FRANCES CLEVELAND**.

***CLIFTON (S)**—Orig. 1905, J. K. Losee, El Dorado, N. Y.; chance seedling; int. 1908. Berry medium, conic to wedge-shape, dull scarlet; flesh dark red, firm, acid, good; runners moderate. Midseason.

varieties. **CLYDE** has been largely grown for home use and near markets. Too soft for long distance shipping, and too light in color. Needs a strong moist soil to carry out all the crop. Frequently it does not make foliage enough to ripen the crop; a spring top-dressing with nitrate of soda helps to correct this fault. An excellent early pollinizer. Rusts badly in some places.

***COBDEN** (P) (*Cobden Queen*)—Orig. John McCaffrey, Cobden, Ill., seedling of **WILSON**; int. about 1895. Berry medium to large, round-conic, crimson; flesh medium red, firm, mild subacid, good; runners numerous. Midseason.

***COBDEN KING** (S)—Orig. John McCaffrey, Cobden, Ill., seedling of **WARFIELD**; int. about 1895. Berry medium to large round-conic, light crimson, medium firm, good; runners numerous. Medium early.

COHANSEY (S) (*Cohanwick*)—Orig. J. D. Cole, Deerfield, N. J., seedling of **TRIOMPHE**; int. 1887. Berry medium or below, roundish, dark crimson, medium firm, fair; runners few. Midseason to late.

COLEMAN'S SEEDLING—Orig. Henry Coleman, Rochester, N. Y.; int. about 1845. Berry long, irregular, very good. Distinct from Coleman's No. 1, which was listed in 1890, and evidently not introduced.

***COLE** (S) (*Cole's Seedling*)—Listed in 1909. Berry large, roundish, dark crimson, medium firm; flesh medium red, subacid, good; runners numerous. Late. Distinct from **COLE'S PROLIFIC**, an old English variety.

COLFAX (P)—Orig. about 1855, Schuyler Colfax, South Bend, Ind.; int. 1867. Berry small, roundish, dark crimson, soft, sub-acid, poor; runners exceedingly numerous, said to "make a tough sod quicker than blue-grass." Midseason to late. Grown somewhat for home use and canning about 1870, being very productive.

***COLLINGWOOD** (of Lovett) (P)—Orig. R. P. Lovett, Fallsington, Pa., thought to be **PRESIDENT** x **NICH OHMER**; int. 1913. Berry large, roundish, light crimson; flesh light red, moderately firm, good; runners numerous. Midseason.

COLLINGWOOD (S)—Said to be **CLYDE** x **PARKER EARLE**; int. about 1898. Berry medium, irregular round-conic, bright crimson, firm, very good; runners numerous. Medium late.

***COLLINS** (S)—Orig. 1909, C. H. Collins, Bridgeman, Mich., seedling of **REDER WOOD**; int. 1915. Berry dark crimson, medium firm, acid, good; runners numerous. Midseason.

COLONEL CHENEY (P)—Orig. J. B. Cheney, Wyoming county, N. Y., **BUSSELL'S PROLIFIC** x **TRIOMPHE**; int. 1870. Berry large, long-conic, bright scarlet, flesh light red, medium firm, acid, good; runners numerous. Late. Grown considerably for market 1875-1880, especially in western New York.

COLONEL ELLSWORTH (S)—Orig. A. S. Fuller, Ridgewood, N. J.; int. 1863. Berry medium to large, round-conic, necked, dark scarlet, medium firm, sweet, dry, good; runners moderate. Early.

COLOSSAL—Listed in 1891.

***COLOSSUS** (P)—Orig. Geo. R. Schaefer, Balston Lake, N. Y., supposed seedling of **BUBACH**, which it closely resembles; int. about 1908. Berry medium irregular round-conic to wedge-shape, crimson; flesh medium red, firm, mild sub-acid, fair; runners moderate. Early to midseason.

***COLUMBIA** (of Wild) (P)—Orig. 1900, Henry W. Wild, Sarcoxia, Mo., **CRESCENT** x **SHARPLESS** x **PARRY**; int. 1906. Berry large, round-conic to wedge-shape, dark crimson, flesh medium red, firm, acid, good; runners numerous. Late.

COLUMBIA (S)—Int. about 1891. Berry medium, light crimson, soft, poor; runners numerous. Midseason.

COLUMBIA—Listed in 1850.

COLUMBIAN (S)—Orig. Allen Robertson, Fruitland, Tenn., chance seedling; int. 1892. Berry medium, round-conic, light scarlet; flesh light red, soft, mild sub-acid, fair; runners numerous. Early.

COLUMBUS (of Burr) (P)—Orig. John Burr, Columbus, Ohio; **HOVEY** x **BURR'S SEEDLING**; int. 1847. Berry medium large, roundish, dark crimson, soft, sweet, good; runners numerous.

COLUMBUS (S)—Int. about 1894. Berry medium, round-conic, crimson, soft, good. Midseason.

COLUMBUS WILSON (S)—Orig. Columbus, Ohio; listed 1883. Quite similar to **WILSON**.

COMET—Orig. Mr. Speakman, Carthage, Mo.; int. about 1890. Berry medium or below, dark crimson, medium firm, poor; runners numerous. There is also a European variety of this name, orig. 1881.

***COMMANDER** (of Laxton) (S) (Laxton's Commander)—Orig. Thos. Laxton, Bedford, England; int. here about 1890. Berry large, irregular conic, dark scarlet; flesh medium red, firm, mild sub-acid, good; runners few. Midaeason. Laxton's **CAPTAIN**, and his **COMMANDER**, have not been grown here as much as his **NORLE**.

***COMMANDER** (of Meeker)—Listed in 1907 as "New; orig. H. M. Meeker."

***COMMISSION** (S) (Commissioner)—Orig. 1905, H. J. Schild, Ionia, Mich.; **DAWN** x a seedling of **DAWN** x **IONIA**; int. 1909. Berry large, roundish-flattened, necked, dull crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Medium early.

***COMMONWEALTH** (S)—Orig. 1900, W. H. Monroe, Beverly, Mass.; int. 1903. Berry large, irregular round-conic, dark crimson; flesh dark red, firm, mild sub-acid, good; runners moderate. Late.

***COMPTON** (S)—Orig. J. L. Allen, Philadelphia, Pa.; int. about 1900. Berry medium, long oval, dark crimson, very good. Medium Early.

CONNELL'S EARLY—Listed in 1887 as "Early, otherwise worthless."

***CONNECTICUT** (Connecticut Pink Tea)—Listed in 1910. Berry large, conic, crimson; flesh medium red, medium firm, sub-acid, good. Midaeason.

CONNECTICUT QUEEN (S)—Int. 1884. Berry large, round-conic, dull crimson, firm, very good; runners numerous. Late.

CONQUEROR—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855.

CONSENSUS (S)—Orig. Henry Young, Ada, Ohio; int. about 1892. Berry medium to large, irregular round-conic, dark scarlet with white tip, firm, good. Late.

***CONSORT** (P)—Int. 1912. Berry large, irregular wedge-shape, slightly necked, dull, dark crimson; flesh dark red, firm, sweet, good; runners numerous. Midaeason.

CONSTANTINA—Listed in 1889 as large, irregular, scarlet, good. Early.

CONTINENTAL (S)—Orig. 1873, Oscar Felton, N. J.; int. 1876. Berry large, round-conic, dark crimson; flesh medium red, firm, very good; runners moderate. Late.

***COOPER** (S)—Orig. 1903, Samuel Cooper, Delevan, N. Y., seedling of **PAN-AMERICAN**; int. 1907. Berry small to medium, obtuse-conic, sometimes necked, dark crimson; flesh medium red, firm, mild sub-acid, good; runners moderate. Midaeason. Although a seedling of a fall-bearing variety, it bears in spring only.

COPERNICUS (P)—Orig. Henry Young, Ada, Ohio; int. about 1892. Berry medium to large, irregular conic, dark scarlet with white tip, firm, acid, fair. Midaeason.

COPPOCK—Listed in 1861. Large, roundish, dark scarlet, very good.

***CORDELIA** (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada; int. 1913. Berry large, roundish to wedge-shape, crimson; flesh medium red, medium firm, brisk sub-acid, good; runners moderate. Midaeason to late. Seedling of **BUBACH**.

Corinne—See **CORRINNE**.

***CORNEILLE** (S) (Lady Corneille)—Orig. Mrs. Corneille, Ponchatoula, La.; int. 1912. Berry large, round-conic, dark crimson, firm, sweet, good; runners numerous. Midaeason.

CORNELIA (P)—Orig. 1878, Matthew Crawford, Cuyahoga Falls, Ohio, from mixed seed; int. 1884. Berry large, round-conic, light crimson, firm, sub-acid, good; runners moderate. Very late.

CORNUCOPIA (P to Semi-S)—Orig. W. R. Prince, Flushing, N. Y., seedling of **HUDSON'S BAY**; int. about 1855. Berry large, conic, bright scarlet, sweet, good.

CORONET SCARLET (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, bright scarlet, soft, sweet, good.

***CORRINNE** (P)—Int. about 1912. Berry medium, round-conic, crimson; flesh medium red, soft, sweet, good; runners very numerous. Midaeason.

COREINNE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, crimson, sweet.

Coraican—Syn. of **MAXIMUS**. First sent out as Big Berry.

Countesa—Most of the plants disseminated under this name since 1875, and still grown to a limited extent in the central States, especially in Minnesota, are **DOWNEE'S PROLIFIC**; others are **VICOMTESSE HERICORT DE THURY**, a French variety; int. here about 1852.

and quite widely grown about 1860. This variety is more commonly called Countess de Harcourt.

COUNTRY GENTLEMAN (S)—Orig. R. N. Lewis, Red Hook, N. Y.; int. about 1896. Berry large, irregular conic, bright scarlet; flesh light red, soft, good.

COVELL (S) (Covil, Covill's Early)—Orig. Chas. Carpenter, Kelleys Island, Ohio, about 1882; int. 1885. Berry medium, roundish, dark crimson; flesh medium red, firm, good; runners numerous. Very early.

COWING'S SEEDLING (P) (Cowan, Cowen)—Orig. Grsnville Cowing, Muncie, Ind.; int. about 1871. Berry large, obtuse-conic, crimson, medium firm, sub-acid, very good; runners numerous. Midseason.

COXCOMB (S)—Int. about 1894, possibly orig. Mich. Berry large, irregular, coxcombed, medium firm; runners numerous. Resembled **SHARPLESS**. Not the **COXCOMBE** of English origin. *

***CRAIG**—Listed in 1906.

Cramer—See **KRAMER**.

***CEAMPTON** (S) (Joe Crampton)—Orig. Michigan; int. about 1908. Berry large, coxcombed, light scarlet; flesh whitish, good; runners numerous. Midseason.

***CRANBERRY**—Orig. Henry Gersonde, Bridgman, Mich.; int. 1914. Berry medium, roundish, light crimson. Described as "sour as a cranberry; useful for preserving."

CRAWFORD (S)—Orig. 1881, Matthew Crawford, Cuyahoga Falls, Ohio; int. 1889. Berry large, round-conic, scarlet; flesh light red, medium firm, very good; runners few. Midseason.

Crawford—See also **MATTHEW CRAWFORD**.

CREMONT PERPETUAL (S)—Said to have orig. before 1850 in Louisiana, but possibly of foreign origin, as foreign lists give this name as a syn. of **GENERAL HAVELOCK**. Berry large, medium firm, good; runners few. Valued about 1850, especially for forcing.

***CREOLE** (Creole Beauty)—Probably orig. Louisiana; int. about 1890. Berry large, round-conic, dark crimson, firm, sweet.

***CRESCENT** (P) (Boynton; Park Beauty)—Orig. 1870;



FIG. 4—**CRESCENT**—THE STANDARD EARLY VARIETY, 1875-1890
(From R. M. Kellogg Co., Three Rivers, Mich.)

blossoms appear over a long season so that the variety seldom misses a crop from frost injury. If neglected, the runners soon take possession of the entire field and the berries become very small. It is a very prepotent variety; a larger number of valuable varieties are descendants of the **CRESCENT** than of any other sort. For years it was known as "the poor man's berry" because it could be grown with so little effort upon thin soil. Now the **CRESCENT** is rarely grown; it has been supplanted by varieties that are higher in quality and better shippers.

CRESCENT SEEDLING (S) (Crescent City Seedling; Crescent Seedling Perpetual)—Orig. Henry Lawrence, New Orleans, La., said to be **BRITISH QUEEN** x **KEENS'** **SEEDLING**;

int. about 1848. As grown at New Orleans it bore continuously for six months of the year, and was, therefore, sold to Northern growers at \$8.00 per dozen plants as a "perpetual bearer." In the North, however, it produced only a spring crop of inferior berries, and was soon discarded.

Crsscent x Glendale—The seedling grown under this name about 1892 was later int. as **SWINDLE**.

***CRIMSON CLUSTER** (of Md.) (S)—Orig. Anne Arundel county, Md., chance seedling, supposed to be of **GANDY**, which it very closely resembles; int. about 1902. Berry medium to large, irregular round-conic to wedge-shape, light crimson, flesh light red, firm, brisk, sub-acid, good; runners numerous. Late.

CRIMSON CLUSTER (of Durand) (P) (King Cluster)—Orig. 1882, E. W. Durand, Irvington, N. J.; int. 1885. Berry medium to large, oval-conic, bright crimson, medium firm, very good. Medium early. Int. as King Cluster; name changed in 1886. The English variety of this name orig. by Mrs. Clements has also been tested here.

CRIMSON CONE (S) (Scotch Runner, of some; Scotch Pineapple; Dutchberry)—Probably of American origin and distinct from the imported variety of that name, which was pistillate; int. before 1820. Berry medium, long-conic, with a long neck, light crimson; flesh medium red, acid, good; runners numerous. Late. This was the dominant variety near New York City, 1840-1860, especially on the light soils of Monmouth and Bergen counties, N. J. The berries were called "Hackensacks," because so many of them came from that New Jersey town. The plants were simply set out on a hillside and left to shift for themselves; they were hardy and produced freely. In size and flavor, the berries were nearly like the wild ones. They were hulled as they were picked, being pulled from the vines; the long neck made it easy to do this.

CRIMSON FAVORITE—Orig. A. S. Fuller, Ridgewood, N. J., seedling of **WILSON**; int. 1863. Berry large, irregular round-conic, crimson, firm, sub-acid, very good.

CRIMSON PINE (S)—Orig. W. R. Prince, Flushing, N. Y., about 1845. Berry medium, oval-necked, dark crimson.

CRIMSON PERFUMED (P)—Orig. W. R. Prince, Flushing, N. Y., about 1845. Berry large, obovate, crimson, sweet.

CRIMSON PROFUSE (P)—Orig. W. R. Prince, Flushing, N. Y., about 1845. Berry medium, rounded, crimson, firm, acid.

CRIMSON PROLIFIC (P)—Orig. W. R. Prince, Flushing, N. Y., about 1845. Berry medium, conic, crimson, sweet, good.

***CRINE** (S) (Crine's Drought King)—Orig. N. J., int. about 1902. Berry medium, crimson, firm; runners numerous. Early.

Crine's Double Cropper—See **DOUBLE CROPPER**.

CRISPIN (S)—Int. about 1878. Berry medium, conic, dark scarlet, soft, sub-acid.

***CROCKETT** (S) (Crockett's Choice; Crockett's Early)—Orig. Tenn.; int. about 1897. Berry medium, long-conic, light crimson; flesh medium red, firm, sub-acid, good; runners numerous. Early.

CROSBY (S)—Orig. Phineas Crosby, Clinton, Wis.; int. about 1890. Berry medium, firm, good; runners numerous. Midseason to late.

***CROZIER** (S)—Orig. Randolph Crozier, Crimson Springs, W. Va.; int. about 1904. Berry large, round-conic to wedge-shape, dark crimson; flesh medium red, firm, good; runners numerous. Medium early. Resembles **SHARPLESS**.

CRYSTAL CITY (S to Semi-S) (Acme)—Orig. E. Williams, Crystal City, Mo., chance seedling; int. about 1876. Berry small, conic, necked, light crimson, medium firm, sweet, good; runners numerous. Very early. A variety of *F. virginiana*, and closely resembling **OLD SCARLET**. More widely disseminated as Acme than as **CRYSTAL CITY**. Too small for market but valued for home use.

***CUMBERLAND** (S) (Pride of Cumberland)—Orig. about 1890, W. S. Gandy, Newport, Cumberland county, N. J., seedling of **GANDY**; int. 1896. Berry medium, round-conic, bright scarlet; flesh light red, firm, mild sub-acid, good; runners numerous. Midseason to late.

CUMBERLAND TRIUMPH (S) (Jumbo, of some; Chambers; Rocky Hill Triumph)—Orig. by Amos Miller, Carlisle, Pa., supposed to be **GREEN PROLIFIC** x **JUCUNDA**, as it was a seedling of **GREEN PROLIFIC** which was open to natural cross-pollination by **JUCUNDA**; int. 1874. Plants large, erect; leaf stalks stout, smooth, with dark green foliage; runners numerous; fruit stalks stout, erect; berries large, very regular, round-conic, orange scarlet; calyx small, closed; flesh light red, soft; flavor very mild, sub-acid, almost sweet; quality

good. Midseason. A standard sort for home use and near markets, between 1880 and 1895. It was not firm enough to be shipped a long distance, but if picked when beginning to color, it carried well for 200 miles and colored up nicely. A very dependable cropper. Too light in color to suit present market demand. It showed a greater tendency to produce fall crops than most varieties.

CUMMINGS—Listed 1879, New York.

CUSHING (S)—Orig. W. D. Brinkle, Wilmington, Del.; int. about 1845. Berry medium, round-conic, light scarlet, soft, brisk sub-acid, good.

***CUSSAWAGO** (S)—Orig. Ohio; listed in 1906. Berry large, round-conic, crimson, very good; runners numerous. Late.

CLUSTER (S)—Orig. S. E. Hall, Cherry Valley, Ill.; int. 1892. Berry medium, round-conic, firm, good; runners few.

CUTTER'S SEEDLING (S) (Bunee; Cutler's Seedling)—Orig. about 1855, B. F. Cutter, Pelham, N. H., chance seedling; int. 1859. Berry medium, round-conic, necked, bright scarlet; flesh whitish, soft, sweet, good; runners numerous. Early to Midseason. Popular in New England 1860 to 1875. A variety of *F. virginiana*.

***CUTLIER**—Listed in 1902. Berry medium, round-conic, very firm, sweet, good. Early. Possibly refers to **CUTTER'S SEEDLING**.

Cycloma—**CLYDE** was first introduced under this name.

***CYCLONE** (S)—Orig. 1889, E. W. Cruse, Leavenworth, Kans.; **CRESCENT** x **CUMBERLAND TRIUMPH**; int. 1894. Berry medium, long-conic, dark scarlet; flesh light red, medium firm, sweet, fair; runners numerous. Medium early.

CYNTHIA (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, crimson, good.

DAGGE'S SEEDLING—Listed in 1867.

***DAISY** (of Zane) (P)—Orig. T. G. Zane, N. J.; **CRESCENT** x **CUMBERLAND TRIUMPH**; int. about 1889. Berry medium, round-conic, scarlet; flesh light red, medium firm, acid, fair; runners moderate. Grown for market about 1895.

DAISY (of Miller) (S) (Daisy Miller)—Orig. about 1880, Samuel Miller, Bluffton, Mo.; int. 1885. Berry large, ovate-conic, crimson, acid; runners numerous. Midseason.

DAKOTA (S)—Orig. Bismarck, N. D., supposed seedling of **CRESCENT**; int. about 1883. Berry medium, long-conic, necked, scarlet, soft, good; runners numerous. Midseason. Hardy.

Dale—Erroneous for **DOLE**.

DALLAS—Listed from Calif. in 1891.

DAMASK BEAUTY (S)—Orig. Mr. Snider, Tallmadge, Ohio; int. about 1875. Berry medium, round-conic, obtuse, bright, scarlet; flesh light red, soft, very good. Medium early.

***DANBY** (P)—Orig. 1903, H. J. Schild, Ionia, Mich.; int. 1910. Berry large, irregular round-conic, crimson; flesh medium red, medium firm, fair; runners moderate. Medium late.

***DAMON**—Listed in 1902.

D AND D (S)—Probably orig. Wis.; int. about 1890. Berry medium, round-conic, dark crimson, medium firm, good; runners moderate. Midseason.

DANIEL BOONE (P)—Orig. 1875, A. D. Webb, Bowling Green, Ky.; int. 1883. Berry large, round-conic, sometimes necked, bright crimson; flesh medium red, medium firm, acid, good; runners numerous. Medium early.

DARK BEAUTY (S)—Int. about 1880. Berry medium, roundish, dark crimson, medium firm, acid. Late.

DARLING (S)—Orig. Mark T. Thompson, Rio Vista, Va.; seedling of **MICHEL**; int. about 1896. Berry medium or below, round-conic, sometimes with short neck, scarlet; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Early.

***DARLINGTON** (S)—Orig. about 1905, N. J., supposed seedling of **GANDY**; int. 1912. Berry large, round-conic, dark crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason to late.

DAVIS SEEDLING (S)—Orig. 1875, J. J. Davis, Warren county, N. J.; int. about 1884. Described as "an exaggerated **SHARPLESS**."

Davia—See also **HERVEY DAVIS**, **BEN DAVIS**.

Dawley—Int. about 1888. Identical with **SHARPLESS**.

*DAWN (S) (Red Dawa)—Orig. H. J. Schild, Ionia, Mich.; seedling of **MOORE'S PROLIFIC**; int. about 1910. Berry medium large, round-conic, dark scarlet; flesh medium red, firm, sub-acid, good; runners moderate. Late.

Dawn—See **EARLY DAWN**.

*DAYTON (S) (Dayton Early)—Orig. David Feicht, Dayton, Ohio, chance seedling; int. 1892. Berry medium or below, long-conic, often necked, light crimson; flesh light red, medium firm, mild sub-acid, good; runners moderate. Medium early. Resembles **HAVERLAND**, but darker.

*DEACON (S)—Orig. Geo. Goodell, Danvers Center, Mass.; supposed to be **SAMPLE** x **ABINGTON**; int. 1909. Berry large, wedge-conic, dark scarlet; flesh dark red, red, firm, sweet, very good; runners moderate. Midseason to late.

*DELAWARE (S)—Orig. Seaford, Del.; int. about 1896. Berry large, irregular round-conic, bright scarlet; flesh whitish, firm, acid, fair; runners numerous. Midseason.

*DELAWARE PRIDE (S) (Pride of Delaware)—Orig. 1910, G. E. Bunting & Sons, Selbyville, Del.; int. 1914. Berry large, roundish, crimson; flesh medium red, medium firm. Midseason. Delaware—See **EARLY DELAWARE**.

DELIA (P)—Listed in 1889. Berry large, round-conic, dark scarlet; flesh light red, medium firm, sub-acid, good; runners numerous. Midseason.

DELLA K (S)—Orig. E. B. Stevenson, Freeman, Ont., seedling of **SHARPLESS**; int. about 1893. Berry medium, conic, scarlet, firm, good; runners numerous. Midseason to late.

*DESDEMONA (P)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **BUBACH**; int. 1913. Berry medium to large, wedge-shape, dark crimson; flesh dark red, medium firm, brisk sub-acid, good; runners moderate. Midseason to late.

DEVEREUX (S)—Listed in 1908. Berry medium conic, scarlet, medium firm, good. Midseason.

*DEW (S)—Orig. 1876, H. F. Dew, Lansing, Mich., said to be **SHARPLESS** x **MANCHESTER**; int. 1891. Berry large to very large, irregular, dark crimson; flesh dark red, firm, good; runners moderate. Midseason to late. Confused with **DEWDROP**. Still grown by amateurs on account of its large size. Resembles **SHARPLESS**.

*DEWDROP (S)—Orig. H. F. Dew, Albion, Mich., (formerly of Lansing, Mich.), **DEW** x **JUCUNDA**, x "a wild prairie strawberry"; int. about 1906. Berry medium to large, conic, dark crimson; flesh dark red, firm, acid, good; runners moderate. Midseason to late. Confused with **DEW**. Int. as an "Everbearer"; if spring blossoms are cut off will bear in July, and scattering till fall.

*DE WET (P) (General DeWet)—Orig. T. C. Kevitt, Athenia, N. J., **BUBACH** x **PARKER EARLE**; int. 1902. Berry medium to large, round-conic, crimson; flesh medium red, firm, acid, good; runners few. Medium late.

*DEWEY (of Nimon) (S)—Orig. 1893, James Nimon, Denison, Tex., **HAVERLAND** x **PARKER EARLE**; int. 1898. Berry medium to large, long-conic, crimson; flesh medium red, sub-acid, good; runners few. Midseason.

DEWEY (of Augur) (S)—Orig. 1888, P. M. Augur, Middlefield, Conn., **JERSEY QUEEN** x **PRINCE OF BERRIES**; int. 1888. Berry medium, roundish, necked, crimson, soft, fair. Midseason.

Dewey—See also **OREGON**, and **PENNELL**.

DIADEM (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, soft, acid, good.

DIAMOND (of Watkins) (S)—Orig. S. L. Watkins, Grizzly Flats, Calif.; listed in 1901. Berry roundish, crimson, firm. Early to midseason.

DIAMOND (of Bauer) (S)—Int. J. A. Bauer, Judsonia, Ark., about 1906.

DIAMOND'S PILGRIM (S)—Orig. Fred A. Diamond, Rochester, N. Y.; int. about 1896. Berry large, round-conic, light crimson, mild sub-acid. Midseason.

*DICKY (S)—Orig. J. D. Gowing, N. Reading, Mass., **SAMPLE** x **MARSHALL**; int. 1907. Berry large, irregular round-conic to wedge-shape, light crimson; flesh medium red, firm, brisk sub-acid, fair; runners moderate. Midseason.

DICTATOR (P)—Orig. C. A. Gardner, Dimondale, Mich.; int. about 1895. Berry medium, round-conic, crimson, medium firm, poor. Midseason.

*DIGHTON (S) (Dighton Rock)—Orig. A. B. Howard & Son, Belchertown, Mass.; int. about 1908. Berry medium, round-conic, obtuse, dark crimson; flesh dark red, firm, brisk sub-acid, very good; runners few. Midseason.

***DISCOVERY** (S) (New Discovery)—Orig. 1894, L. H. Girton, Bristol county, Ind., **WARFIELD** x **BUBACH**; int. 1909. Berry large, oval to wedge-shape, dark crimson; flesh dark red, firm, sweet, very good; runners numerous. Early to midseason.

***DIXIE** (P) (Dixie Belle)—Orig. N. C.; int. about 1898. Berry medium to large, irregular round-conic, dark scarlet; flesh light red, medium firm, sub-acid, fair; runners numerous. Midseason. Thought by some to be identical with **STAB**.

***DIXON** (S)—Orig. 1896, Emil Grafe, Rossville, N. Y., seedling of **WILLIAM BELT**; int. about 1904. Berry very large, wedge-shape, dark dull crimson, often with green tips; flesh dark red, firm, sub-acid, fair; runners few. Midseason to late.

DOCTOR AEP (P)—Orig. C. C. Stone, Moline, Ill.; int. about 1892. Berry medium large, conic, crimson; flesh medium red, firm, acid, fair; runners numerous. Medium late.

Doctor Fisher—See **FISHER**.

Doctor Nicaise—See **NICAISE**.

DOCTOR WARDER (S)—Orig. 1867, Louis Ritz, Plainfield, N. J., **FILLMORE** x **VICTORIA OVATA** (both English varieties); int. 1871. Berry large, long-conic, bright crimson; flesh light red, firm, acid, good; runners moderate. Late.

***DOLE** (S) (Dale)—Orig. J. G. Dole, Ravenna, Ohio; int. about 1896. Berry medium, round-conic, bright scarlet; flesh light red, medium firm, mild sub-acid, fair; runners moderate. Medium late.

***DOLLAR** (S)—Orig. Oscar F. Felton, Merchantsville, N. J.; int. about 1885. Berry large, round-conic, light crimson; flesh medium red, firm, sub-acid, good; runners moderate. Mid season. Soon discarded almost everywhere except in California; it has been the dominant variety in the Florin district, near Sacramento, and in Placer county. Shows strong ever-bearing tendencies, the young plants often fruiting as soon as rooted. Dollar Junior, a seedling of **DOLLAR**, int. about 1900, and Dollar No. 2, a selection of **DOLLAR**, are not marked departures from the type.

Dollar—See **GRAY**, and **GOLD DOLLAR**.

Dollar Mark—A syn. of **GRAY**.

DONALDSON—Orig. Miss.; listed in 1893.

DOBA (P)—Orig. C. C. Stone, Moline, Ill.; seedling of **CRESCENT**; int. about 1895. Berry medium, round-conic, bright crimson; flesh medium firm, acid, good; runners numerous. Late.

DORCHESTER (P)—Orig. Marshall P. Wilder, Dorchester, Mass.; int. about 1878. Berry medium, conic to coxcombed, light crimson; flesh whitish, fair.

***DORIS** (S)—Orig. Hammondton, N. J.; int. 1914.

Dornan—Syn of **UNCLE JIM**.

***DOUBLE CROPPER** (S) (Crine's Double Cropper)—Orig. about 1890, N. J.; int. about 1900. Berry medium, round-conic, dark crimson; flesh medium red firm, acid, good; runners numerous. Early. Claimed to produce a fall crop, as well as a spring crop.

***DOUGLAS** (S)—Orig. P. J. Myers, Bridgman, Mich., chance seedling; int. 1913. Berry medium, roundish, crimson, firm; runners numerous. Midseason.

DOWNER'S PROLIFIC (S) (Countess, of some)—Orig. in 1854, J. S. Downer, Fairview, Ky., "from seed of the native Iowa strawberry"; int. in 1858. Berry medium, round-conic, light scarlet; flesh light red, soft, acid, good; runners numerous. Very early. A rival of the **WILSON** for home use and near markets between 1865 and 1880. Capable of standing much neglect. The first of three notable varieties produced by Mr. Downer, the others being **CHARLES DOWING** and **KENTUCKY**. Said to be grown still in Minnesota under the name of Countess.

Downing—See **CHARLES DOWNING**.

Downing's Bride—Syn. of **KITTY RICE**.

Downing's Pride—Syn. of **KITTY RICE**.

Dow's Seedling—Syn. of **EPPING**.

DOWNTON (S) (Knight's Seedling)—Orig. 1817, Thomas Andrew Knight, England; int. into North America about 1825. Berry medium to large, ovate, often coxcombed, necked, dark purplish scarlet; flesh light red, firm, very good; runners numerous. Late. A "pine" strawberry, popular here about 1830.

DRAPE (S)—Listed in 1894. Midseason. Blighted badly.

***DROUGHT KING** (P)—Orig. D. Brandt, Bremen, Ohio; int. about 1895. Berry medium, irregular round-conic, light scarlet; flesh light red, medium firm, acid, good; runners numerous. Midseason.

Drought King—See **CRINE**.

***DUAL** (S)—Orig. Frank Dual, Ohio; int. about 1906. Berry large, conic to wedge-shape, scarlet, medium firm, sweet, good; runners moderate. Medium early.

DUBOIS (S)—Orig. M. D. Dubois, Newburg, N. Y.; int. about 1889. Berry medium large, roundish, dark crimson, soft, dry, good. Midseason to late.

DUCHESS (S) (Duchess)—Orig. D. H. Barnes, Poughkeepsie, N. Y.; int. 1876, Berry medium to large, round-conic, bright crimson; flesh light red, medium firm, brisk sub-acid, very good; runners few. Early. A standard early market sort near New York City about 1880.

***DUFF** (P) (Duffs)—Orig. N. C.; int. about 1900. Berry medium or below, conic, light crimson; flesh medium red, firm, acid, fair; runners numerous. Midseason. Grown somewhat in North Carolina.

***DUKE** (S)—Orig. J. L. Babcock, Norfolk, Va.; listed in 1912. Berry large, round-conic. Late. **DUKE** (of Durand)—Orig. E. W. Durand, Irvington, N. J.; int. about 1868.

DUKE OF KENT'S SCARLET (S) (Austrian Scarlet; Nova Scotia Scarlet; Globe Scarlet; Early Prolific Scarlet)—Orig. about 1790; place of origin in dispute, variously assigned to England, Germany, and Nova Scotia. Berry small, roundish, bright scarlet; flesh whitish, firm, acid, good; runners numerous. Very early. Grown here somewhat until about 1840.

Dumas—See **JIM DUMAS**, **CARRIE DUMAS**.

***DUNCAN** (of N. J.) (S)—Orig. about 1884, N. J., chance seedling; int. 1904. Berry large, round-conic, dark crimson, firm, good; runners numerous. Midseason.

DUNCAN (of Lucas) (S)—Orig. 1871. J. L. Lucas, Ulster county, N. Y., **RUSSELL'S PROFILIC** x **WILSON**; int. 1875. Berry medium, roundish, scarlet; flesh light red, firm, very good; runners numerous. Early.

***DUNLAP** (S) (Senator Dunlap; Senator)—Orig. 1890, J. R. Reasoner, Urbana, Ill.; parentage uncertain, but **CUMBERLAND TRIUMPH**, **CRESCENT**, **WINDSOR** and **SUCKER STATE** were used in the crosses; int. in 1900. Plant rather small but vigorous, semi-spreading; leaf stalk long, slender with dark green leaflets of medium size; runners numerous; fruit stalk long, medium stout, usually unbranched; blossoms in midseason; berry medium to large, round-conic, often slightly necked, glossy bright dark crimson; calyx of medium size, reflexed, easily detached; seeds medium, slightly sunken; flesh rich dark red, medium firm, fine-grained; core red, partly hollow; flavor sub-acid; quality good. Medium early. Probably the most widely grown variety in the northern part of North America at this time. A very cosmopolitan sort, succeeding almost everywhere; it is the logical successor of the **WILSON** in this respect. It tends to produce to many plants, runs considerably, and the berries are variable in size; but they are attractive, of good quality, and produced freely. During the latter part of the season, the berries run small, largely on account of the numerous runners; it is better to rerestrict these to a narrow row. The ripe fruit can remain on the vines a long time without becoming soft. They are likely to lose their bright

FIG. 5—**DUNLAP**—WIDELY GROWN IN THE NORTH
(From R. M. Kellogg Co.,
Three Rivers, Mich.)

color and look dead on the market. **DUNLAP** is one of the best pollinizers for pistillate sorts as it blooms profusely from early to late; it is commonly used with **BUBACH**, **HAVERLAND** and **SAMPLE**. It is one of the best varieties for the farmer who cannot give it high culture, as it is hardy and thrives under neglect almost as well as the **WILSON** and **CRESCENT**. It is not firm enough for distant markets. A good variety for canning.

***DUNMORE** (P)—Orig. 1905, H. J. Schild, Ionia, Mich., **DAWN** x a seedling; int. 1910. Berry medium to large, conic, dark crimson; flesh dark red, medium firm, good; runners numerous. Late.

***DUPRE** (S)—Probably orig. S. C.; listed in 1900. Berry small, round-conic, scarlet, medium firm, good; runners numerous. Late.



DURAND'S BEAUTY (S) (Essex Beauty)—Orig. E. W. Durand, Irvington, N. J.; int. about 1876. Berry large to very large, conic, with long neck, dark crimson; flesh light red, firm, very good; runners very few. Late.

DURAND'S FAVORITE—Orig. E. W. Durand, Irvington, N. J.; int. about 1875. Berry large, conic to wedge-shape, crimson.

DURAND'S SEEDLING (S)—Orig. about 1864, E. W. Durand, Irvington, N. J.; int. 1867. Berry large, irregular obtuse-conic, scarlet; flesh whitish, firm, acid, good; runners moderate. Durand's Superb—Syn. of **PRINCE OF BERRIES**.

DUFFEE'S SEEDLING—Listed in 1855 as probably American origin, acid, and then out of cultivation.

Dutchberry—Syn. of **CRIMSON CONE**.

DUTTER (S) (Dutton)—Orig. Jerry, Dutton, Ind.; **JERSY QUEEN** x **SHARPLESS**; int. 1887. Berry large, round-conic, light crimson; flesh medium red, medium firm, good; runners numerous. Medium late.

***EAGLE (S)**—Listed in 1914. Berry small, round-conic, necked, light crimson; flesh medium red, medium firm, mild sub-acid, good. Medium early.

EARHEART (S)—Orig. W. H. Earheart, Lexington, Ohio. Almost identical with **SHARPLESS**.

***EARLIANA (S)**—Orig. about 1902, J. L. Babcock, Norfolk, Va.; int. about 1910. Berry small, round-conic, dark crimson, firm, sub-acid; runners numerous. Early.

***EARLIEST (of Thompson) (S) (Thompson's Earliest)**—Orig. Mark T. Thompson, Rio Vista, Va.; int. about 1894. Berry medium, round-conic, light scarlet; flesh whitish, medium firm, sub-acid, fair; runners numerous. Very early. Resembles **MICHEL**.

***EARLIEST (of Iowa) (S)**—Listed in 1908 as "An improved variety of the Iowa wild strawberry." Berry medium, scarlet, medium firm, good; runners numerous. Very early.

EARLIEST (of Salzer) (S) (Salzer's Earliest)—Int. 1895, John A. Salzer Co., La Crosse, Wia. Berry medium, long-conic, light crimson, firm, good. Early.

***EARLIEST OF ALL (S)**—Int. about 1906; possibly is the English variety. Berry medium to large, round-conic to wedge-shape, scarlet; flesh light red, firm, mild sub-acid, fair. Very early.

EARLY ADELA (S)—Orig. A. N. Jones, Leroy, N. Y.; int. about 1878. Early, small.

***EARLY BEAUTY (S)**—Orig. 1898, Iowa, chance seedling in a field of **CRESSENT**; int. 1902. Berry small to medium, round-conic, crimson; flesh light red, medium firm, mild sub-acid, fair; runners numerous. Early. Resembles **EXCELSIOR**.

***EARLY BIRD (of Riehl) (S)**—Orig. E. H. Riehl, N. Alton, Ill., seedling of **DUNLAP**; int. about 1906. Berry medium or below, round-conic, light crimson; flesh medium red, medium firm, sub-acid, good; runners moderate. Early.

EARLY BIRD (of Warren) (S)—Orig. S. H. Warren, Weston, Mass.; int. about 1894. Berry small to medium, irregular conic, light crimson, medium firm, fair. Medium early.

Early Bittner—See **BITTNER**.

EARLY CANADA (S) (Smith's Early; Smith's Seedling, of some)—Orig. A. M. Smith, Drummondville, Ontario, appaored seedling of **WILSON**; int. 1878. Berry medium, round-conic, dark crimson; flesh dark red, very firm, acid, good; runners moderate. Early. Identical with **WILSON** except for being a few days earlier.

EARLY DAWN—Listed in 1896. Poor quality.

EARLY DELAWARE—Listed in 1868. Medium size. Early.

***EARLY GIANT (of Tyler) (S)**—Orig. Oliver D. Tyler, Westover, Md.; int. 1914. Berry medium, firm, good; runners numerous. Early.

***EARLY GIANT (S)**—Listed in 1903, in Ohio. Berry medium, scarlet, acid.

***EARLY GOLDEN (S)**—Orig. T. B. Carlisle, Lisbon, Ohio; int. about 1909. Berry small, conic, bright crimson, firm, acid, good; runners moderate. Very early.

***EARLY HARVEST (P)**—Orig. Louis Hubach, Judsonia, Ark., **THOMPSON** x **EXCELSIOR** (of Hubach); int. 1908. Berry medium, roundish, dark crimson; flesh dark red, medium firm, sub-acid, fair; runners moderate. Early.

***EARLY HATHAWAY (S) (Texas)**—Orig. 1892, Louia Hubach, Judsonia, Ark., **WILSON** x **HOFFMAN**; int. 1902. Berry medium, round-conic, scarlet; flesh whitish, firm, acid, fair; runners moderate. Medium early. Ripens a few days after **EXCELSIOR**. Valued for market in many sections, especially the south central States; int. by the originator as **EARLY**

HATHAWAY; int. the same year as **Texas** by another firm. Has been more widely disseminated in Texas than as **EARLY HATHAWAY**.

***EARLY HOWARD** (S) (Howard's Early)—Orig. A. J. Howard, Somerset county, Md.; int. 1912. Berry medium, round-conic, scarlet, firm, runners numerous. Early.

EARLY HUDSON (P) (Hudson, of Cincinnati)—Orig. before 1790, probably in New York. Berry medium to large, round-conic, dark crimson; flesh dark red, firm, acid, very good; runners numerous. Medium early. The dominant variety near Cincinnati about 1845. Sometimes confused with **HUDSON'S BAY**, which, however, was late, and necked.

Early Idaho—Syn. of **CLARK**.

EARLY JACK (S)—Orig. Kansas; int. about 1892. Berry medium, irregular, dark acarlet, soft poor; runners numerous. Medium early.

***EARLY JERSEY** (S) (Early Jersey Giant; Van Fleet No. 10)—Orig. 1907, W. Van Fleet, Little Silver, N. J.; a composite of several European and North American varieties; int. 1912. Berry large, oblong-conic, light crimson; flesh medium red, mild sub-acid, good, firm; runners moderate. Early.

Early Maple—See **MAPLE**.

***EARLY MARKET** (S)—Orig. Louis Hubach, Jandaonia, Ark.; int. 1903. Berry small, round-conic, crimson; flesh medium red, soft, fair; runners numerous. Early.

Early Market—Syn of **PARCELL**.

***EARLY MAY** (of Gersonde (S)—Orig. Henry Gersonde, Bridgman, Mich.; int. 1914. Very early.

EARLY MAY (of Buist) (P) (Baltimore Scarlet)—Orig. Robert Buist, Philadelphia, Pa.; int. before 1847. Berry medium, obtuse-conic, bright acarlet, very good. Early. A prominent market variety in New York, Pennsylvania and Maryland for many years.

***EARLY MILLER** (S)—Orig. Mrs. E. M. Kelly, Wicomico county, Md., chance seedling; int. 1910. Berry medium, round-conic, bright crimson; flesh light red, medium firm, mild sub-acid, good. Early.

Early Ozark—See **OZARK**.

Early Page—See **PAGE**.

Early Princess—See **PRINCESS** (of Kramer).

***EARLY QUEEN** (of Townsend) (S)—Orig. 1908, chance seedling, E. W. Townsend, Jr., Salisbury, Md.; int. 1910. Berry large, irregular wedge-shape, light crimson; flesh medium red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

EARLY QUEEN (of Miller) (S)—Orig. Amos Miller, Carlisle, Pa., seedling of **METCALF'S EARLY**; int. 1874. Berry large, round-conic, bright crimson, good. Early.

Early Rambler—See **RAMBLER**.

***EARLY ROBBINS** (S) (Robbins' Early)—Orig. Geo. M. Robbins, Bradford, Me.; int. about 1898. Berry medium or below, round-conic, dark crimson, medium firm, sweet, fair; runners few. Early.

Early Scarlet—Syn. of **OLD SCARLET**.

***EARLY STAR**—Listed in 1914. Berry medium, round-conic, necked, dark crimson, firm, mild sub-acid, fair. Medium early. Possibly identical with **STAR**.

Early Sunria or Young's Early Sunria—Orig. Ind.; int. 1896; syn. of **MICHEL**.

Early Surprise—See **SURPRISE**.

EARLY SWEET (S)—Orig. J. B. Miller, Anna, Ill., chance seedling; int. about 1891. Berry medium, conic, dark crimson, firm, sweet. Early.

***EARLY VICTOR** (S)—Orig. about 1906, G. W. Howard, Stevensville, Mich.; int. 1915. Resembles **DUNLAP**, but a few days earlier, and berries a trifle larger.

Early Virginia—Syn. of **OLD SCARLET**.

Early Washington—Syn. of **IOWA** (of Cincinnati).

EASTERN SHORE—Listed in 1889.

EBERLEIN'S SEEDLING (S)—Orig. Mr. Eberlein, Ohio; int. 1847. Berry medium, conic, dark scarlet, sub-acid, good. Early.

***ECHO** (S)—Orig. Allen L. Wood, Rochester, N. Y.; int. 1907. Berry medium, round-conic, dull acarlet; flesh whitish, medium firm, sub-acid, good; runners moderate. Midseason.

ECLIPSE (of Hayes) (P) (Hayes' Eclipse)—Orig. Chester county, Pa.; int. about 1891. Berry medium, oval, bright crimson, medium firm, acid, good. Medium early.

ECLIPSE (of Prince) (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry small to medium, conic, light crimson, briak sub-acid, good. Early.

Eclipsæ—See also **BARTON**, **KINNEY'S ECLIPSE**; **EEEVEE'S ECLIPSE**, an English variety, was tested here about 1860.

EDGAR QUEEN (P) (Edgar; Edgar County Queen)—Orig. 1884, B. O. Curtis, Paria, Ill., seedling of **CAPTAIN JACK**; int. 1890. Berry medium to large, irregular roundish, light scarlet; flesh light red, medium firm, good; runners numerous. Medium late.

EDITH (P)—Chance Seedling, Mark T. Thompson, Rio Viata, Va.; int. about 1892. Berry large, round-conic, very dark crimson, medium firm, good; runners moderate. Late.

***EDMUND WILSON** (S)—Orig. 1907, W. Van Fleet, Little Silver, N. J., a composite of several European and American sorts; int. 1913. Berry large, roundish, very dark crimson; flesh dark red, firm, sweet, good; runners few. Midseason to late.

Edward—See **KING EDWARD**.

***EDWARDS** (P)—Orig. 1896, M. B. Edwards, Franklin, N. Y., chance seedling; int. about 1906. Berry medium, wedge-shape to round-conic, dark crimson; flesh medium red, firm, acid, fair; runners numerous. Midseason.

EDWARDS' FAVORITE (S)—Orig. 1885, R. S. Edwards, Highlands, Colorado, chance seedling; int. 1892. Berry large, round-conic, light crimson; flesh light red, sweet, good; runners numerous. Midseason to late. Resembled **JUCUNDA** somewhat.

EDWAEDS' QUEEN—Orig. R. S. Edwards, Highlands, Colo.; listed in 1891.

***EFFIE** (S)—Orig. 1899, Miss Effie Wiley, Dover, Del., chance seedling; int. 1903. Berry medium, conic, scarlet; flesh whitish, soft. Midseason.

EFFIE (of Beaver)—Orig. J. F. Beaver, Dayton, Ohio, seedling of **BARTON**; listed 1889.

EFFIE MAY (S)—Orig. C. C. Stone, Molina, Ill., chance seedling; int. about 1894. Berry medium, conic, scarlet, medium firm, fair. Midseason.

EICHOLTZ SEEDLING (S)—Int. about 1893. Berry medium to large, light scarlet. Midseason.

***EKEY** (S) (E. H. Ekey, O. I. C.)—Orig. 1898, E. H. Ekey, Steubenville, Ohio, **WARFIELD** x **BELMONT**; int. 1903. Berry large, long-conic, dull crimson; flesh dark red, medium firm, acid, fair; runners numerous. Medium early.

Elba—Erroneous for **ELLA**.

***ELEGANCE** (S)—Orig. Mr. Coombe, Atlantic county, N. J., chance seedling; int. 1895. Berry medium, round-conic, crimson; flesh medium red, firm, sub-acid, good; runners numerous. Early.

ELECTRA—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, round-conic, dark scarlet, poor.

Eleven-fifty-nine P. M. or 11:59 P. M.—Syn. of **MIDNIGHT**.

ELIZA (S) (Myatt's Eliza)—An English variety of pine strawberry, grown somewhat in America about 1850. Berry large, irregular round-conic, necked, light scarlet; flesh whitish, firm, sweet, very good; runners few. Late. **RIVEES' ELIZA**, another English variety, was tested here about 1860.

***ELIZABETH** (of Gardner) (P)—Orig. C. F. Gardner, Osage, Iowa; listed in 1913 as an "Everbearer."

ELIZABETH (of Ohio) (P)—Orig. Ohio, seedling of **BURR'S NEW PINE**; int. about 1859.

Ella—This variety has been considered a syn. of **MICHEL** since it was re-introduced about 1894; and it appears identical with that variety. But Ella was described as early as 1870, while **MICHEL**, which was a chance seedling discovered in 1883, was not int. until 1889. Since we have no authentic history of the origin of Ella, and since the variety has been disseminated chiefly as **MICHEL**, the latter name should be retained.

ELLISDALE (S)—Listed in 1886. Berry medium, round-conic, dark scarlet, soft, sub-acid. Midseason.

***ELLWOOD** (S)—Listed in 1906. Midseason.

***ELMA** (P to semi-S)—Orig. 1900, J. H. Black, Son & Co., Hightstown, N. J., **ROBBIE** x **NETTIE**; int. 1904. Berry medium, round-conic to wedge-conic, light crimson; flesh light red, firm, acid, good; runners few. Midseason to late.

***ELMIRA** (P)—Orig. G. A. Parcell, Pine City, N. Y.; int. 1910. Berry medium, conic to wedge-shape, light crimson, medium firm, mild sub-acid, good; runners numerous. Early.

ELTON PINE (S)—Orig. 1819, Thomas Andred Knight, England. Berry large, oval to cox-combed, crimson; flesh dark red, acid, very good; runners few. Very late. Grown considerably in North America 1825 to 1835. Still esteemed in England for preserving.

EMERALD (S)—Int. 1887; said to be of European origin, but not certain. Berry medium or below, irregular round-conic, crimson, medium firm, acid, fair. Midseason.

Emerson Joe—See **JOE**.

EMILY (of Huntsman) (P)—Orig. G. W. Huntsman, Flushing, N. Y.; int. 1864.. Berry large, roundish, scarlet; flesh whitish, sweet, very good.

EMILY (of Thomas) (P)—Orig. W. H. Thomas, Highwood, Conn.; int. 1885. Berry medium, round-conic, dark crimson, firm. The **EMILY** orig. by Myst, England, has been tested sparingly here.

EMMA (S)—Int. about 1870. Berry medium, round-conic, scarlet, medium firm, acid, good; runners numerous. Late. The **EMMA** orig. 1856 by De Jonghe, Belgium, has also been grown here about 1870. It was coxcombed, crimson, sweet.

***EMPEROR** (S)—Orig. 1890, John Little, Granton, Ont.; int. 1899. Berry medium to large, irregular obtuse-conic, dark crimson; flesh dark red, firm, mild sub-acid, good; runners moderate. Midseason.

Emperor—See **PEAK'S EMPEROR**.

***EMPRESS** (S)—Orig. 1890, John Little, Granton, Ont.; int. 1899. Berry medium to large, irregular round-conic, dull crimson; flesh light red, soft, sweet, good; runners moderate. Midseason.

ENDICOTT (S)—Orig. 1870, Geo. W. Endicott, Villa Ridge, Ill., **WILSON** x **JUCUNDA**; int. 1875. Berry large, obtuse-conic, necked, dull scarlet, medium firm, sweet, very good; runners numerous. Midseason to late.

***ENGLE**—Listed in 1913. Berry large, round-conic, light scarlet; flesh light red, soft, mild sub-acid, fair. Early. (Possibly is **EAGLE**.)

Engle Seedlings—Several seedlings sent out by C. Engle, Paw Paw, Mich., about 1891, one of which became **MICHIGAN** (of Engle).

***ENHANCE** (S)—Orig. Henry Young, Ada, Ohio, **WINDSOR** x **SHARPLESS**; int. 1887. Berry medium to large, irregular round-conic, dark crimson, coloring uneven; flesh medium red, firm, sub-acid, fair; runners moderate. Midseason. Valued market sort in a few sections. It has strong tendency to produce fall crops.

***ENORMOUS** (P)—Orig. B. O. Curtis, Paris, Ill., seedling of **CRESCENT**; int. 1895. Berry large, irregular wedge-shape, dark crimson; flesh medium red, medium firm, sub-acid, good; runners moderate. Late.

***EPICURE** (S)—Orig. Mr. Dickinson, Morgantown, N. J.; int. about 1900. Berry very large, scarlet, medium firm, fair. Midseason. Possibly European.

EPPING (P) (Dow's Seedling; Yankee Doodle)—Orig. Geo. F. Dow, North Epping, N. H.; int. about 1890. Berry medium, round-conic, scarlet; flesh light red, medium firm, good; runners moderate. Midseason. First int. as Yankee Doodle.

E. P. ROE (S)—Orig. 1887, W. B. Brown, Newburgh, N. Y., chance seedling; int. 1891. Berry medium to large, round-conic, necked, scarlet; flesh light red, firm, very good; runners numerous. Late. A spurious sort, which was pistillate and early, was disseminated under this name.

EQUINOX (S)—Orig. Mark T. Thompson, Rio Vista, Va., seedling of **MOUNT VERNON**; int. 1895. Berry small to medium, round-conic, crimson, medium firm, good. Late.

ERIE (S)—Orig. Erie, Pa.; int. about 1894. Berry large, round-conic, crimson, firm, good; runners numerous. Late.

***ERNEST** (of Townsend) (P)—Orig. 1907, E. W. Townsend, Jr., Salisbury, Md., chance seedling; int. 1911. Berry medium, wedge-shape, light crimson; flesh medium red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

ERNEST (of Rodgers) (P)—Orig. R. E. Rodgers, Snyder Creek, Pa.; int. about 1900. Berry large, round-conic, bright crimson; flesh medium red, firm, good; runners numerous. Midseason.

ERNESTINE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, oblong-conic, necked, light scarlet, sub-acid.

***ERNIE** (S) (Erna)—Orig. 1895, D. S. Maudlin, Bridgeman, Mich., chance seedling; int. 1908. Berry medium to large, round-conic, crimson; flesh medium red, firm, mild sub-acid, good; runners moderate. Early.

Essex Beanty—Syn. of DURAND'S BEAUTY.

ESSEX COUNTY (S)—Orig. H. H. Alley, Hilton, N. J.; int. about 1887. Berry large, irregular ovate, dark scarlet; flesh medium red, acid, good. Early.

ESTELLE (of Prince) (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, conic, dark scarlet, very sweet. Late.

ESTELLE (of Engle)—Orig. C. Engle, Paw Paw, Mich.; int. 1891. Berry medium, round-conic, light crimson, soft, good.

Ettersburg Seedlings—A number of seedlings now on trial from A. F. Etter, Ettersburg, Calif., composites of *F. vesca*, *F. chiloensis*, and common varieties. See **ROSE ETTERSBURG**.

EUGENE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, necked, crimson, sweet. Late.

EUGENIA (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obovate, light scarlet, sweet, good.

***EUREKA** (S)—Orig. Louis Hubach, Judsonia, Ark.; int. about 1906. Resembles **OZARK**.

EUREKA (of Prince) (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855.

EUREKA (of Townsend) (P to semi-S)—Orig. 1881, Geo. Townsend, Gordon, Ohio, seedling of **CUMBERLAND**; int. 1889. Berry medium to large, irregular round-conic, light crimson; flesh light red, medium firm, sweet, good; runners numerous. Midseason to late.

EUSTATIA—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855.

EVA (S)—Orig. Ind.; int. about 1890. Berry small to medium, soft, good. Midseason.

***EVANS** (S)—Orig. G. R. Evans, Wicomico county, Md.; int. about 1896. Berry large, round-conic, light scarlet; flesh light red, soft, acid, good; runners numerous. Midseason.

EVANS—Listed in 1879.

***EVENING STAR** (S)—Orig. 1902, James Sons, Seligman, Mo.; int. 1907. Berry large, roundish to wedge-shape, bright crimson; flesh medium red, firm, sub-acid, good; runners numerous. Late.

EVERBEARER (S)—Int. J. A. Salzer, LaCrosse, Wis., 1893. Berry small, round-conic, dark scarlet, mild sub-acid. Claimed to be an "Everbearer."

Everbearing—See **OREGON EVERBEARING**, **AUSTRALIAN**, **ARIZONA**, Mexican Everbearing, **LINDLEY'S EVERBEARING**.

***EVERGREEN** (S)—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry medium, long-conic, bright crimson; flesh medium red, medium firm, fair; runners numerous. Medium early.

***EWELL** (S) (Ewell's Early)—Orig. Mr. Ewell, Accomac county, Va., chance seedling; int. 1912. Berry medium, round-conic, crimson, firm; runners numerous. Early.

EXCELSA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, dark crimson, soft, good. Midseason.

***EXCELSIOR** (of Hubach) (S)—Orig. in 1892, Louis Hubach, Judsonia, Ark., **WILSON** x **HOFFMAN**; int. in 1897. Plant tall, leaflet small, dark green; runners numerous; fruit stalks short, procumbent; flowers small; berry medium, round-conic, deep glossy, dark crimson; calyx small, adherent; seeds of medium size, depressed; flesh dark red, firm, juicy; core dark red, solid; flavor very acid; quality fair. Very early. This variety has been planted extensively in the South and along the South Atlantic coast for northern markets.

FIG. 6—**EXCELSIOR**—ONE OF THE MOST DEPENDABLE EXTRA EARLY SORTS. (From Bul. 187, N. C. State Dept. of Agriculture.)

planted extensively in the South and along the South Atlantic coast for northern markets. It is valued for its earliness, attractive appearance and shipping quality; also because it is dependable and bears well in cold weather. On the other hand it is one of the sourest varieties; it has been called the "gooseberry-strawberry." Part of its reputation for sourness is due to the fact that it colors long before it is ripe. The foliage often rusts badly, causing late shipments to be insipid. If the rows are allowed to become too thick,



the berries run small. This variety ripens several days ahead of **MICHEL**. It is one of the most dependable early sorts.

EXCELSIOR (of Prince) (P) (Scarlet Excelsior—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, dark scarlet, sweet, good. Late.

EXCELSIOR (of Turnbull)—Orig. Robert Turnbull, New Rochelle, N. Y.; int. 1868. Bright scarlet.

EXCELSIOR (Southern Excelsior—Orig. “in the South”; int. 1871.

EXCELSIOR (of King) (S)—Orig. W. M. King, Yellow Springs, Ohio; int. about 1878. Berry medium, round-conic, dark scarlet, soft, very good. Midseason.

EXCELSIOR (of Haynes) (P)—Orig. J. H. Haynes, Delphi, Ind.; int. 1886. Berry medium, round-conic, crimson, soft, poor.

EXCELSIOR (of Shaw) (S)—Orig. James Shaw, South Hadley, Mass., supposed **CRESCENT** x **DUCHESS**; int. 1895. Berry large, round-conic, soft, good. Midseason.

There is also an **EXCELSIOR** of English origin, and one of the German origin, the latter int. in 1876. Neither has been grown to any extent here.

EXTRA EARLY—Listed in Mo., in 1893.

Extra Red—See **McAVOY'S EXTRA RED**.

***FAE** (P)—Orig. W. J. Alt, Lancaster, Ohio; int. 1908. Berry large, round-conic to wedge-shape, light crimson; flesh light red, soft, sub-acid, good; runners numerous. Midseason. Distinct from **FAV**.

***FAIRDALE** (S) (Fairdale Giant)—Orig. 1905, J. G. Harrison & Sons, Berlin, Md.; int. about 1908. Berry large, light crimson, good. Midseason to late.

***FAIRFIELD** (S)—Orig. about 1895, M. Johnson, Cumberland county, N. J.; int. 1902. Berry medium, round-conic, necked, crimson; flesh medium red, medium firm, sub-acid, fair; runners moderate. Very early.

FAIRMOUNT (S)—Int. 1891, Oakley Apgar, Califon, N. J. Berry large, conic, dark crimson; flesh dark red, medium firm, sub-acid, very good; runners numerous. Midseason.

FAIRY (P)—Int. about 1881, seedling of **LENNIG**. Berry small, roundish, white and pink, soft, mild sub-acid, good. Midseason. Inferior to its parent.

***FAMILY** (semi-S) (Family Favorite)—Orig. Chas. W. Momm, Irvington, N. J.; int. 1898. Berry medium, round-conic, dark scarlet; flesh medium red, firm, acid, good; runners numerous. Midseason.

FANCY (S)—Orig. I. F. Street, W. Middleton, Ind.; int. 1891. Berry medium to large, medium firm, very good. Medium early.

Farmer's Mascot—See **MASCOT**.

FARMINGTON (S)—Int. from England 1885, R. Johnson, Shortsville, N. Y. Berry large, round-conic, dark scarlet, firm, very good; runners moderate. Midseason.

FARNSWORTH (S)—Orig. W. W. Farnsworth, Waterville, Ohio; int. 1891. Berry medium, conic, scarlet, soft, very good; runners numerous. Midseason.

FAIR WEST (S)—Orig. Wash.; int. about 1894. Berry medium, long-oval, soft, sweet, good; runners numerous. A “shuckless” variety.

Favorite—See **CHARLES' FAVORITE**, **FAMILY**, **DURAND'S FAVORITE**, **TURNER'S FAVORITE**, **MORGAN**.

FAY—Orig. Isaac Fay, Cambridge, Mass., about 1840. Distinct from **FAE**.

FEDERAL POINT (S)—Valued in Florida about 1880.

FEICHT (S)—Orig. David Feicht, Little York, Ohio; int. about 1892. Berry medium large, long-conic, crimson; flesh dark red, medium firm, very good; runners moderate. Early.

FELTON (S)—Orig. Oscar Felton, Merchantsville, N. J., seedling of **SHARPLESS**; int. about 1888. Berry medium to large, irregular round-conic, light crimson; flesh medium red, medium firm, very good; runners numerous. Midseason.

Felton's Great Seedling; Felton's Improved Albany—Int. 1858. Claimed to be a seedling of **WILSON**, but indistinguishable from that variety.

***FENDALL** (P to semi-S)—Orig. 1905, Chas. E. Fendall, Towson, Md., seedling **WILLIAM BELT**; int. 1909. Berry large to very large, irregular round-conic to oblong-conic, light scarlet; flesh light red, medium firm, mild sub-acid, good; runners few. Medium late.

FENDRICK—Orig. Mark T. Thompson, Rio Vista, Va.; int. about 1895.

FENNER SEEDLING—Listed in 1870.

FERRIS—Orig. Csywood & Ferris, Poughkeepsie, N. Y.; int. about 1869.

FIFER (S) (Governor Fifer; General Fifer)—Orig. C. C. Stone, Moline, Ill.; int. about 1892. Berry medium, round-conic, bright crimson; flesh light red, medium firm, good; runners moderate. Late.

FILLMORE (S to semi-P) (Feast's Fillmore)—Orig. 1852, Samuel Feast & Sons, Baltimore, Md.; int. 1859. Berry medium to large, round-conic, obtuse, dark crimson; flesh medium red, firm, sweet, good; runners moderate. Medium early. A popular sort about 1865.

FINCH'S SEEDLING (S) (Finche's Prolific)—Orig. 1874, Lewis Finch, Plainville, Ohio, supposed to be **RUSSELL'S PROLIFIC** x **WILSON**; int. 1881. Berry large, round-conic, scarlet, firm, good; runners moderate. Midseason.

FIR (S)—Listed in 1896. Berry round-conic, scarlet, medium firm, good. Midseason.

***FIRST PRIZE (S)**—Orig. 1905, F. W. Ruark, Sharptown, Wicomico county, Md., chance seedling; int. 1910. Berry large, irregular round-conic, light crimson; flesh light red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

***FIRST QUALITY (S)**—Orig. J. D. Gowing, N. Reading, Mass., **SAMPLE** x **GANDY**; int. 1909. Berry large, conic, dark scarlet; flesh medium red, firm, sweet, very good; runners moderate. Midseason.

First Session—See **CHILDS, GANDY**.

***FISHER (S to semi-S)** (Professor Fisher; Doctor Fisher; Professor)—Orig. J. H. Black, Son & Co., Hightstown, N. J., **BUBACH** x **SHARPLESS**; int. 1904. Berry large, irregular wedge-shape, light crimson; flesh dark red, medium firm, acid, fair; runners few. Late.

Fisher—See **MRS. FISHER**.

FLEMING (P)—Orig. 1859, F. A. Fleming, Curwenverville, Pa., **McAVOY'S SUPERIOR** x **WILSON**. Berry large, round-conic, obtuse, dark scarlet, soft, sweet, good.

Flash—Erroneous for **FLUSH**.

FLORA (P)—Listed in 1894. Berry large, firm; runners few.

***FLORELLA (S)** (Florets)—Orig. 1896, J. P. H. Brown, Augusta, Ga., **BUBACH** x **THOMPSON**; int. 1904. Berry medium, round-conic to wedge-shape, crimson; flesh medium red, medium firm, brisk sub-acid, good; runners moderate. Medium early.

FLORENCE (of Prince) (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, round-conic, scarlet, firm, good.

FLORENCE—Listed in 1871. A seedling of **WILSON**, and practically indistinguishable from that variety.

FLORENCE (of Thompson) (S) (Clara)—Orig. Mark T. Thompson, Cleveland, Ohio (later of Rio Vista, Va.); int. 1889. Berry medium, round-conic, bright scarlet; flesh light red, medium firm, fair; runners numerous. Midseason. First int. as Clara, but disseminated chiefly as **FLORENCE**.

FLORENCE (of Fellows)—Orig. 1896, Charles F. Fellows, Mass. Apparently not widely disseminated.

FLUSH (P) (Flash; Flosch)—Orig. Thos. Wilde, Wright, Mich.; int. about 1898. Berry large, irregular round-conic, dark crimson; flesh dark red, medium firm, very good; runners moderate. Midseason.

***FLOYD (P)**—Orig. E. H. Riehl, N. Alton, Ill.; int. about 1900. Berry large round-conic, firm, good.

FONTENELLE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, good.

FOOTE'S SEEDLING—Listed in Indiana, 1886.

***FORD (of Hubach) (S)**—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry medium roundish, bright crimson; flesh medium red, soft, fair; runners numerous. Early.

***FORD (S)**—Int. in 1916. Medium late.

FORD (of Ind.) (S)—Orig. Ind.; int. about 1885. Berry small, soft, poor. Midseason.

FORDSWORTH (S)—Listed in 1896, in Tenn. Berry medium, good. Early.

Forest—See **ANNA FOREST**.

FOREST ROSE (S)—Orig. 1869, J. A. Fetter, Lancaster, Ohio, chance seedling; int. 1877. Berry medium to large, round-conic, obtuse, scarlet; flesh light red, medium firm, sweet, good; runners moderate. Early.

***FORT (S)** (Governor Fort)—Orig. 1907, T. C. Kevitt, Athenia, N. J. **SAMPLE x GLEN MARY**; int. 1911. Berry large, long-conic, crimson, flesh medium red, firm, mild sub-acid, fair; runners moderate. Midseason.

FORTUNATUS (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, light scarlet, sub-acid, good.

***FORWARD (S)**—Orig. 1907, Samuel Cooper, Delevan, N. Y., **AUTUMN x COOPER**; int. 1914. Berry large, roundish, dark crimson; runners moderate. An Everbearer.

FOSTER'S SEEDLING (P)—Listed from New York in 1890. Berry large, very good; runners numerous. Late.

***FOUNTAIN (S)**—Orig. Ohio; int. 1895. Berry medium to large, round-conic, dark crimson, flesh dark red, firm, acid, good; runners numerous. Midseason.

Fowler's Seedling (P)—The plants sent out under this name by G. Fowler, Waterloo, Iowa, about 1875, proved to be a mixture of **RED JACKET** and **GREEN PROLIFIC**.

FRAGRANT SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, good.

***FRANCESCA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada; listed 1913. Runners moderate.

***FEANCES CLEVELAND (P)** (Mrs. Cleveland)—Orig. 1881, Geo. Townsend, Gordon, Ohio, seedling of **CUMBERLAND TRIUMPH**; int. 1885. Berry medium to large, irregular round-conic, bright scarlet; flesh light red, medium firm, good; runners numerous. Midseason. Has been planted quite extensively. Distinct from **CLEVELAND**.

***FRANCES WILLARD (P)** (Frances E. Willard)—Orig. about 1908, D. J. Miller, Millersburg, Ohio; int. 1914. Berry large, crimson; flesh dark red, sub-acid, good; runners numerous. Midseason.

***FRANCIS (S)**—Orig. 1905, Harlow Rockhill, Conrad, Iowa, **PAN-AMERICAN x LOUIS GAUTIER**; int. 1910. Berry medium to large, long, sometimes irregular, bright scarlet; flesh light red, firm, mild sub-acid, good; runners moderate. An "Everbearer," the new runners blossoming as soon as rooted. Tender, apt to winter-kill in North if carried over. Does best in matted rows.

FREDONIA (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, firm, sweet, good. Early.

***FREE SILVER (S)**—Orig. T. C. Kevitt, Athenia, N. J., **BUBACH x PARKER EARLE**; int. about 1895. Berry medium, long-conic, dark crimson, soft, good; runners numerous. Medium early.

***FREMELAT**—Orig. Mr. Fremelat, Houston, Tex.; int. 1891. Valued in parts of Texas.

FREMONT (S)—Orig. Geo. F. Beede, Fremont, N. H., seedling of **BELMONT**; int. about 1893. Berry large, long-conic, bright scarlet, medium firm, good; runners moderate. Late.

***FREMONT WILLIAMS (S)**—Orig. 1893, Louis Hubach, Judsonia, Ark., **GANDY x BUSH CLUSTER**; int. 1904. Berry large, round-conic, light crimson; flesh medium red, firm, sub-acid, good; runners moderate. As late as **GANDY** and preferred to that variety in some sections.

FRENCH'S SEEDLING (S)—Orig. about 1858, Lewis French, Moorestown, N. J., chance seedling, supposed **HOVEY x LARGE EARLY SCARLET**; int. about 1860. Berry medium to large, round-conic, light scarlet; flesh light red, soft, sweet, good; runners numerous. Early. A standard market sort about 1867.

FIEND—Listed in 1901, in Illinois.

FRONTENAC (P)—Orig. N. Y.; int. about 1878. Berry medium, round-conic bright scarlet; flesh light red, soft, very good; runners moderate. Late.

Frost Proof—Syn. of **HAYNES' PROLIFIC**.

***FULLER (S)**—Orig. J. B. Fuller, Anna, Ill., chance seedling; int. 1911. Berry large, long-conic, dark crimson; flesh medium red, firm, good; runners numerous. Midseason.

***FUJIYAMA**—Orig. A. T. Goldsborough, Washington, D. C., a composite of several English and American varieties. Listed 1906.

***GABARA**—Listed in 1906. Berry large, roundish, crimson; flesh medium red, medium firm, mild sub-acid, very good. Late. A doubtful sort; possibly **GIBSON**.

Gale—Erroneous for **YALE**.

GALCERON (S) (Galceron)—Orig. 1882, Mr. Galceron, Atlanta, Ga.; int. 1885. Berry medium to large, round-conic, dark crimson, firm, good; runners numerous. Midseason to late.

GAMARGUA (S) (Gamage)—Orig. A. A. Mitchell, Palmyra, N. Y., **WILSON x SHARPLESS**; int. about 1896. Berry medium, roundish, crimson, medium firm, good; runners moderate. Midseason.

***GANDY (S)** (Gandy's Prize; First Season, of some)—Originated in 1885 by W. S. Gandy, Newport, N. J., **JERSEY QUEEN x GLENDALE**; int. in 1888. Plant low, spreading; leaves of medium size, medium green; runners moderate; fruit stalks large, erect; berry large, uniform, roundish to round-conic, rich dark, dully scarlet; calyx large, easily detached; seeds numerous, slightly protruding; flesh medium red, firm, coarse-grained; core hollow; flavor brisk sub-acid; quality good. Very late. Gandy has been the standard late variety for market



FIG. 7—**GANDY**—A STANDARD LATE VARIETY SINCE 1890.

or home use since 1890. In recent years it has been displaced by **AROMA** in some sections. Gandy requires strong soil, preferably with a clay sub-soil, and an abundant supply of moisture; on thin, dry soils it buttons. Under-drained muck swamps make good Gandy land. A very short season of ripening—usually but three or four pickings, is characteristic of the variety. The first blossoms frequently are without pollen, so it is well to plant it with **AROMA**. On strong soils, it tends to make too rank a growth in the fall, which delays the elaboration of fruit buds, unless this late growth is checked. An excellent shipper.

***GANTO**—Orig. 1911, Md. Agr. Exp. Sta., College Park, Md. Berry medium, conic, flattened, dull crimson; flesh medium red, soft, fair. Late.

BABYLON (S)—Orig. P. H. Foster, Babylon, N. Y., seedling of **MONARCH**; int. about 1878. Berry medium, roundish, crimson, soft, sub-acid. Midseason.

GARDNER (S)—Orig. about 1887, C. F. Gardner, Osage, Iowa, chance seedling; int. 1895. Berry large, irregular round-conic, light crimson; flesh soft, acid, good; runners moderate. Early to medium.

GARABALDI (S)—Orig. W. A. Burgess, Gleun Cove, N. Y.; int. before 1862. Berry medium to large, long-conic, crimson; flesh light red, medium firm, sweet, good. Early. Supposed by some to be of European origin.

GARLAND (S)—Listed in Mo. 1892. Berry medium, crimson, medium firm, good. Midseason.

GARRETSON (P)—Orig. by Garretson, a seedsman of Long Island, N. Y.; int. 1884. Berry medium to large, round-conic, crimson, medium firm, sub-acid, good. Midseason.

GARRINGER (S to semi-S)—Int. about 1895. Berry medium to large, irregular conic, crimson; flesh dark red, firm, very good; runners few. Midseason.

***GARRISON** (S) (Lady Garrison)—Int. about 1901. Berry medium, irregular flattened, scarlet; flesh light red, medium firm, sweet, good; runners numerous. Midseason.

Gauthier—See **LOUIS GAUTIER**.

GAZELLE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, light scarlet, good.

Gebhart's Favorite—Syn. of **OCEANA CHIEF**.

***GEISLER** (S)—Orig. Mich., chance seedling; int. 1897. Berry large, roundish, dark crimson; flesh medium red, firm, sub-acid, good; runners few. Midseason.

***GEM** (S)—Orig. 1911, A. F. Freeny, Wicomico county, Md.; int. 1913. Berry large, dark crimson; flesh dark red, firm, mild sub-acid; runners numerous. Late.

Gem—See **HILTON, NEHRING, RURAL GEM, SCARLET GEM, SHUSTER**.

GENERAL REAUREGARD—Int. about 1870.

GENERAL BOTHA—Orig. T. C. Kevitt, Athenia, N. J., seedling of **BURACH**; int. about 1900. Berry scarlet.

General DeWet—See **DeWET**.

General Fifer—See **FIFER**.

GENERAL GRANT (of Burgess) (S)—Orig. W. A. Burgess, Glen Cove, N. Y.; int. 1866. Berry medium to large, conic, bright crimson, soft, poor. Very early.

GENERAL GRANT (of Keech) (S)—Orig. J. Keech, Waterloo, N. Y., **RUSSELL'S PROLIFIC x TRIOMPHE**; int. 1866. Berry medium, irregular, dark crimson, acid, good. Early.

General Joe Wheeler—See **JOE WHEELER**.

General McLellan—Said to have orig. Francis Brill, Newark, N. J., about 1860. Identical with **McAVORY'S SUPERIOR**.

GENERAL MEADE—Orig. J. Keech, Waterloo, N. Y., **RUSSELL'S PROLIFIC x TRIOMPHE**; int. 1866. Berry large, conic, light crimson, firm, fair; runners numerous. Midseason.

GENERAL PUTNAM (P)—Orig. about 1890, John E. Brown, on the old Putnam farm, Brooklyn, Conn., chance seedling in bed of **CUMBERLAND TRIUMPH** and **CRESCENT**; int. 1892. Berry medium, round-conic, light scarlet; flesh light red, soft, sub-acid, good; runners moderate. Midseason.

GENERAL SCOTT (S)—Orig. W. A. Burgess, Glen Cove, N. Y.; int. about 1862. Berry large, roundish, necked, light scarlet; flesh whitish, medium firm, sub-acid, good. Early.

General Sheridan—See **PHIL SHERIDAN**.

GENERAL SHERMAN (of Keech) (S)—Orig. J. Keech, Waterloo, N. Y., **RUSSELL'S PROLIFIC x TRIOMPHE**; int. 1866. Berry medium, long-conic, light scarlet, poor.

GENERAL SHERMAN (of Moore) (S)—Orig. 1874, John B. Moore, Concord, Mass.; int. 1877. Berry large, round-conic, light crimson, medium firm, good. Early to midseason.

GENERAL WARREN—Listed in 1905; seedling of **MARSHALL**. Berry large, dark crimson, very good. Early.

GENESEE (S)—Orig. Ellwanger & Barry, Rochester, N. Y., **HOVEY x DUKE OF KENT'S SCARLET**; int. about 1850. Berry medium, roundish, flattened, necked, dark scarlet, soft, mild sub-acid, fair. Late.

GEORGE (P) (George's Triumph)—Int. about 1900. Berry medium to large, conic, flattened, necked, bright crimson, firm, good. Late.

***GEORGE WASHINGTON**—Listed 1912. Berry medium to large, long wedge-shape, crimson; flesh light red, mild sub-acid, fair. Early.

GEORGIA MAMMOTH (S) (Peabody's Georgia)—Orig. Chas. A. Peabody, Columbus, Ga.; int. about 1860. Berry medium, conic, dark crimson, firm, acid, good. Late.

Georgia Triumph (S)—An unidentified old variety, grown in Ga., 1896. Berry medium, round-conic, crimson, medium firm, good; runners numerous. Very early.

GERALDINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obovate, light scarlet, soft, good.

GERMANTOWN (S) (Young's Seedling)—Orig. G. Young, Germantown, Pa.; int. about 1856. Most of the plants disseminated under this name were **HOVEY**, which is a pistillate; the true Germantown was staminate, round-conic, light crimson.

German Seedling—See **MAXIMUS**.

***GERSONDE (P)**—Orig. Henry Geraonde, about 1900, Bridgman, Mich.; int. about 1905. Berry medium, round-conic, bright crimson; flesh light red, firm, acid, good; runners numerous. Late.

GERTRUDE (of Miller)—Orig. Samuel Miller, Bluffton, Mo.; int. 1873.

GERTRUDE (of Stone) (S)—Orig. 1887, C. C. Stone, Moline, Ill., chance seedling; int. 1893. Berry medium, round-conic, light crimson; flesh light red, medium firm, fair; runners moderate. Early to midseason.

***GIANT (of Bailey) (S) (Bailey's Giant)**—Orig. Joseph Bailey, Marlborough, N. Y., chance seedling; int. 1893. Berry large, round-conic, scarlet; flesh light red, firm, sub-acid, good; runners few. Late.

***GIANT (of Gardner) (S)**—Orig. C. F. Gardner, Osage, Iowa said to be "a sport of **GARDNER**"; int. 1912. Berry large, roundish, crimson, good. Early to midseason.

Giant—See **BLACK GIANT**, **BROWN**, **EARLY GIANT**, **EARLY JERSEY**, **FAIRDALE**, **LATE JERSEY**, **NEW YORK GIANT**, **WISCONSIN**.

GIANT OF THE WEST—Listed 1894.

GIANT QUEEN (P)—Orig. E. W. Durand, Irvington, N. J.; int. about 1876. Berry large, irregular-conic, firm, good.

Giant Red Prolific—Listed in 1913; probably is **RED PROLIFIC**.

***GIBSON (of N. Y.) (S) (Snow's Perfection)**—Orig. 1895, J. H. Gibson, Marlborough, N. Y., chance seedling; int. 1899. Berry medium to large, irregular round-conic, dark crimson; flesh dark red, medium firm, mild sub-acid, good; runners few. Medium late. Confused with the following.

***GIBSON (of Mich.) (S)**—Said to have orig. Berrien county, Mich.; int. 1911. Claimed to be distinct from preceding, but similar in plant and fruit. Claimed by some to be **POCOMOKE**.

***GILL (S)**—Orig. about 1898, E. H. Ekey, Steubenville, Ohio, supposed to be **EDDER WOOD** x a seedling of **BUBACH**; int. 1906. Berry medium, irregular round-conic, crimson; flesh light red, medium firm, mild sub-acid, fair; runners few. Very early. Valued as an extra early, especially on sandy soils.

GILLESPIE (S)—Orig. 1886, Samuel Gillespie, Butler county, Ohio, seedling of **HAVERLAND**; int. 1891. Berry medium, long-conic, necked, light scarlet, soft, sweet, good; runners few. Midseason.

GLADYS (P) (Gladis)—Int. about 1895. Berry medium to large, irregular flattened, scarlet, medium firm, good. Midseason.

***GLADSTONE (S)**—Orig. about 1893, F. F. Merceron, Catawissa, Pa., supposed seedling of **SHARPLESS**; int. 1897. Berry large, irregular wedge-conic, crimson; flesh medium red, medium firm, sub-acid, good; runners few. Midseason. Resembles **SHARPLESS**.

***GLASTONBURY (semi-S)**—Orig. 1901, J. H. Hale, S. Glastonbury, Conn., **HAVERLAND** x **SCOTT**; int. 1907. Berry large, conic, crimson; flesh light red, firm, acid, good; runners few. Midseason.

***GLAUSER (P) (Glover, Glaver, Glacer)**—Orig. Mr. Glauer, Boulder, Colo.; int. about 1890. Berry medium to large, round-conic to wedge-shape, bright crimson; flesh medium red, medium firm, acid, good; runners moderate. Midseason. Valued in Colorado.

GLENDALE (S)—Orig. 1871, W. B. Storer, Akron, Ohio, chance seedling in Glendale cemetery; int. 1878. Berry medium to large, round-conic, scarlet; flesh light red, firm, acid, good; runners numerous. Late. Hardy. Valued for lateness until superseded by **GANDY**, one of its seedlings.

GLENFIELD (S)—Orig. James Stayman, Leavenworth, Kan., **WARREN** (of Webb) x **GLENDALE**; int. about 1891. Berry medium, long-conic, necked, dark crimson; flesh dark red, medium firm, very good; runners few. Midseason.

***GLEN MARY (aemi-S)**—Orig. J. A. Ingram, East Bradford, Pa., as a chance seedling where **CRESCENT**, **DOWNER'S PROLIFIC** and **SHARPLESS** had been grown; int. 1896. Plant spreading; leaflets dark green; runners moderate; fruit stalks of medium length, fairly erect; berry large, irregular round-conic, ridged and deeply pitted, dark scarlet; calyx large moderately adherent; seeds inconspicuous, of medium size even with the surface or protruding slightly; flesh medium red, firm, juicy; core solid; flavor mild sub-acid to sweet; quality

good. Midseason. Popular for market and home use because of its productiveness and large, handsome berries of good quality. It has two serious defects; many of the early



FIG. 8—GLEN MARY—A VALUED MIDSEASON SORT
IN THE NORTH

blossoms do not produce enough pollen to fertilize themselves, and the berries tend to have white tips. The bright color fades quickly in the market. It is commonly planted with LOVETT, DUNLAP or PARSON to furnish pollen. Under favorable conditions it spaces its runners well and bears heavily.

GLENWOOD (S)—Listed in N. Y., 1902. Berry medium, irregular wedge-shape, dark crimson; flesh dark red, medium firm, sweet, good. Midseason.

***GLOBE (S)** (New Globe)—Orig. 1898, Eugene Sutherland, W. Coxsackie, N. Y.; int. 1905. Berry large, irregular round-conic, dull crimson; flesh medium red, firm, acid, fair; runners moderate. Midseason to late.

Globe—See **SCARLET GLOBE**.

GLOBOSE CLUSTER (P)—Orig. W. R. Prince, Flushing, N. Y., seedling of **IOWA** (of Cincinnati); int. about 1855. Berry large, roundish, light scarlet, soft, poor.

GLOBOSE CRIMSON (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, crimson; flesh medium red, acid.

GLOBOSE SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, soft, mild sub-acid.

GLOBOSE SWAINSTONE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, dull scarlet, good.

GLOSSY CONE (S)—Orig. about 1865, E. W. Durand, Irvington, N. J.; int. 1868. Berry small to medium, conic, scarlet, medium firm, poor.

Glover—See **GLAUSER**.

GOLD (P)—Orig. 1880, P. M. Augur, Middlefield, Conn., from mixed seed of **JERSEY QUEEN** and **PRINCE OF BERRIES**; int. 1884. Berry medium to large, round-conic, scarlet; flesh light red, medium firm, good; runners numerous. Midseason.

***GOLD DOLLAR** (S) (Oregon Gold Dollar)—Orig. Z. Mills, Springbrook, Ore., supposed seedling of **EXCELSIOR** (of Hubach); int. about 1906. Berry medium to large, round-conic, dark crimson; flesh medium red, medium firm, sub-acid, good; runners numerous. Medium early.

Gold Dollar—Syn. of **GRAY**.

GOLDEN DEFIANCE (P)—Orig. Amos Miller, Carlisle, Pa.; int. 1874. Berry medium to large, round-conic, obtuse, dark scarlet; flesh light red, medium firm, sub-acid, very good; runners numerous. Late.

***GOLDEN GATE** (S to semi-S)—Orig. 1903, S. H. Warren, Weaton, Mass., supposed seedling of **MARSHALL**; int. 1906. Berry large, roundish to wedge-shape, slightly necked, dark crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Midseason.

GOLDEN KING—Orig. John McCaffrey, Cobden, Ill., **WARFIELD** x **SHARPLESS**; int. about 1895. Berry large, medium firm, good. Midseason.

GOLDEN PERPETUAL—Listed in Mich., in 1874 as "producing a continuous crop till frost on the young runners, which fruit before taking root. Berry large and excellent."

GOLDEN PROLIFIC (P)—Int. about 1888.

GOLDEN PROMISE—Orig. "in the South"; int. about 1892.

GOLDEN QUEEN—Orig. John McCaffrey, Cobden, Ill., seedling of **WILSON**; int. about 1895.

Golden Queen—Int. 1886, by Mr. Cline, Rochester, N. Y. Identical with **TROLLOP'S VICTORIA**.

GOLDEN SEEDED (S)—Orig. W. H. Read, Port Dalhousie, Canada; int. 1859. Berry medium to large, obtuse-conic, dark crimson; flesh medium red, medium firm, sweet, very good; runners moderate. Medium early.

***GOLD MINE**—Orig. J. A. Bauer, Judsonia, Ark., chance seedling; int. 1913. Berry large, dark crimson, firm; runners numerous. Midseason.

***GOLDSBOROUGH** (P to semi-S) (Goldboro)—Orig. A. T. Goldsborough, Washington, D. C., **BRITISH QUEEN** x **F. virginiana**; int. 1903. Berry medium, round-conic, dull scarlet; flesh medium red, firm, sweet, good; runners very few. Early to midseason.

GOLIATH (S) (Kitley's Goliath)—Orig. about 1848, J. Kitley, Bath, England, seedling of **BRITISH QUEEN**. Berry large, irregular-coxcombed, bright scarlet; flesh light red, medium firm, acid, very good; runners moderate. Late. Grown here somewhat about 1860.

***GOODELL** (S)—Orig. Samuel Goodell, Seattle, Wash.; **MARSHALL** x a white seedling of **ROYAL SOVEREIGN** x **LOUIS GAUTIER**; int. about 1906. Berry medium, round-conic, dark crimson; flesh dark red, firm, sweet, good; runners moderate. Midseason.

***GOOD LUCK** (S)—Orig. about 1904, Elwood Pedrick, Cumberland county, N. J., chance seedling; int. 1907. Berry large, round-conic to wedge-shape, light crimson; flesh medium red, firm, brisk sub-acid, good; runners few. Medium late.

***GOODWIN** (S)—Orig. 1905, H. J. Schild, Ionia, Mich., **DAWN** x **IONIA**; int. 1910. Berry large, roundish to wedge-shape, crimson; flesh medium red, firm, mild sub-acid, very good; runners moderate. Midseason.

***GOREE** (S)—Orig. 1902, J. W. Goree, Whitewright, Tex., chance seedling in bed of **BRANDY-WINE**; int. 1907. Berry small to medium, round-conic, slightly necked, dark crimson, firm, sub-acid, good; runners few. Midseason.

GOLD—Orig. 1880, P. M. Augur, Middlefield, Conn., from mixed seed of **JERSEY QUEEN** and **PRINCE OF BERRIES**; int. 1885.

Gould—See **HELEN GOULD**, **JAY GOULD**.

Governor Fifer—See **FIFER**.

Governor Fort—See **FOFT**.

GOVERNOR BOOTH (S)—Orig. about 1875, Felix Gillet, Calif., seedling of **ROBERT TRAIL** (an English variety). Large, round-conic, light crimson, sweet. Late.

GOVERNOR HOARD (S) (Loudon's No. 15)—Orig. 1882, F. W. Loudon, Janesville, Wis., seedling of **SHARPLESS**; int. 1892. Berry medium, round-conic, necked, dark crimson; flesh medium red, medium firm, sub-acid, fair; runners numerous. Midseason.

Governor LaFollette—See **LaFOLLETTE**.

Governor Rollins—See ROLLINS.

Governor VanSant—See VANSANT.

*GRACE (of Gardner) (P)—Orig. C. F. Gardner, Osage, Iowa; listed in 1913 as "a new ever-bearer."

GRACE (of Moore)—Orig. J. B. Moore, Concord, Mass.; int. about 1874. Berry medium, irregular roundish, crimson; flesh light red, firm, good. Midseason.

GRAHAM (S)—Orig. C. W. Graham, Afton, N. Y.; int. about 1895. Berry medium, round-conic, dark crimson; flesh dark red, medium firm, acid, very good. Midseason.

GRAND DUKE (P)—Orig. J. W. Adams, Springfield, Mass.; int. about 1880. A foreign variety of this name also has been tested here, about 1889.

*GRAND MARIE (S)—Orig. 1905, H. J. Schild, Ionia, Mich., DAWN x a seedling of DAWN x IONIA; int. 1910. Berry large, round-conic, dark crimson; flesh medium red, firm, sweet, good; runners moderate. Medium early. One of the so-called "fig-type" varieties.

*GRANGER (of Ekey) (P)—Orig. 1908, E. H. Ekey, Steubenville, Ohio, chance seedling; int. about 1910. Berry large, long-conic, scarlet; flesh medium red, firm, sub-acid, very good; runners few. Midseason.

GRANGER (of Gillet) (S)—Orig. Felix Gillet, Calif., seedling of PRINCESS DAGMORE (an English variety). Berry large, bright crimson, very sweet.

GRANT (S)—Int. about 1875. Similar to CUMBERLAND TRIUMPH, but ten days later.

Grant—See GENERAL GRANT; MRS. GRANT.

*GRANVILLE (S) (Nichol's Granville)—Orig. A. M. Nichol, Granville, Ohio, supposed seedling of MINER'S PROLIFIC int. 1902. Berry medium to large, round-conic, dark crimson; flesh dark red, firm, sub-acid, good; runners few. Medium late.

*GRAY (S) (Gray's Dollar; Gray's Gold Dollar; Dollar Mark)—Orig. A. G. Gray, Pekin, Ind.; int. about 1908. Berry large, irregular wedge-conic, dull scarlet; flesh medium red, firm, sub-acid, very good; runners numerous. Midseason to late. Confused with DOLLAR and GOLD DOLLAR.

GREAT AMERICAN (P to semi-S)—Orig. 1875, E. W. Durand, Irvington, N. J.; int. 1877. Berry large to very large, irregular, dark scarlet; flesh light red, medium firm, good; runners moderate. Late. Disseminated at very high prices, but failed most everywhere except with originator.

Great American—See STEVENS.

GREAT EASTERN (S) (Churchman's Great Eastern)—Orig. N. J.; int. about 1865. Berry large, round-conic, light crimson; flesh whitish, medium firm, sub-acid, fair; runners few. Late. A GREAT EASTERN of English origin, was listed in 1870.

GREAT NORTHERN—Listed in Ill., 1902.

Great Ontario—Syn. of SHARPLESS.

GREAT PACIFIC (P)—Orig. about 1885, D. J. Piper, Foreston, Ill.; int. 1890. Berry large, irregular-conic, dark crimson; flesh dark red, firm, fair; runners numerous. Midseason.

Great Ruby—See RUBY (of Henderson).

Great Scott—See SCOTT.

Great Wisconsin—See WINCONSIN SEEDLING.

*GREAT WASHINGTON (S)—Listed in 1905, Ont. Berry conic, scarlet, firm, good; runners numerous.

*GREEK (S) (The Greek)—Orig. Ohio. Berry dark crimson; flesh dark red, very firm; listed 1916.

GREEN PROLIFIC (P) (Newark Prolific; Boyden's No. 5)—Orig. about 1858, Seth Boyden, Newark, N. J., HOVEY x GOLIATH; int. 1864. Berry large, roundish, light scarlet; flesh light red, medium firm, acid, poor; runners numerous. Late. Notwithstanding its softness and poor quality, it was highly valued for market in N. J. and adjacent states. Grown for forcing at Hackensack, N. J., as late as 1897.

*GREENSBORO (Greensboro Favorite)—Orig. 1900, R. G. Thomas, Greensboro, N. C.; int. 1907. Berry medium, round-conic, crimson, good. Medium early.

GREEN TIPS—Listed in S. D., 1904.

*GREENVILLE (P) (Buechey's Seedling)—Orig. 1883, E. M. Buechey, Greenville, Ohio, chance seedling; int. 1893. Berry large, round-conic to wedge-shape, bright crimson; flesh dark red, medium firm, sub-acid, good; runners numerous. Midseason. Has been a standard market sort and is still valued for near markets. Very productive.

***GREENWOOD** (S)—Orig. S. Hill, Greenwood, Mass.; int. 1909. Berry medium, conic to wedge-shape, slightly necked, light crimson; flesh light red, firm, sweet, poor; runners few. Late.

GROVE END SCARLET (S)—Orig. 1820, Wm. Atkinson, Grove End, England; int. to North America about 1880. Berry medium, roundish, light scarlet; flesh light red, firm, sub-acid, good; runners numerous. Early. A variety of *F. virginiana*. Popular here 1880 to 1840.

Guick—Erroneous for **GULICK**.

GUIDAS—Orig. Calif.; listed in 1887. Early, firm.

GULICK (S)—Orig. Robert Gulick, Linkwood, Md.; int. about 1894. Berry large, obtuse-conic, bright crimson, very good; runners numerous. Midseason.

GYPSY (P) (Gipsy; Gypsie)—Int. about 1879, and re-introduced about 1890. Berry medium, round-conic, dark crimson; flesh dark red, firm, very good; runners numerous. Medium early.

HAARLEM ORANGE—Orig. Thoa Edmondson, Baltimore, Md.; int. about 1850. Berry medium, conic, orange scarlet, firm, good. Early to midseason.

HAIGHT (S)—Orig. about 1886, J. H. Haight, Osage, Iowa, seedling of **WILSON**; int. about 1894. Berry medium, conic, scarlet, medium firm, fair. Midseason.

***HALLEY** (S)—Listed in 1912, Ohio. Berry medium to large, conic, bright scarlet, firm, acid, good; runners moderate. Early to late.

HALLIHAN—Int. before 1880. Berry medium, conic, dark scarlet, sub-acid.

HALL'S FAVORITE (S) (Hall's Seedling)—Orig. 1891, J. W. Hall, Marion, Md., chance seedling; int. 1896. Berry medium, roundish, crimson, firm, acid, good; runners moderate. Early.

***HAM** (S)—Orig. J. H. Black, Son & Co., Hightstown, N. J., **MARY** (of Alley) x **PARKER EARLE**; int. 1904. Berry medium to large, decidedly wedge-shape, very dark crimson; flesh dark red, firm, sweet, good; runners moderate. Midseason.

***HAMMER** (S)—Orig. August Hammer, Bridgman, Mich., chance seedling; int. 1915. Berry large round-conic, dark crimson; flesh dark red, firm, mild sub-acid, good; runners moderate. Midseason to late.

HAMPDEN (P)—Orig. 1883, J. W. Adams & Co., Springfield, Mass.; int. 1886. Berry medium large, obconic, dark scarlet; flesh light red, medium firm, acid, good; runners numerous. Midseason.

***HANBACH** (S) (Hanbach's Beauty)—Orig. T. M. Hanbach, Warrenton, Va., **MASCOT** x **GANDY**; int. 1912. Berry medium, round-conic, light crimson, firm, good; runners numerous. Late.

H and H—See **HUBACH AND HATHAWAY; HEFLIN AND HANBACH**.

Hanna—See **MARK HANNA; MRS. MARK HANNA**.

HANSON (S)—Orig. C. C. Stone, Moline, Ill.; int. about 1893. Berry medium, good. Midseason.

HARBINGER—Orig. A. T. Goldsborough, Washington, D. C.; listed in 1907.

HARDSHELL (S)—Orig. Ind.; listed in 1895. Berry medium, firm, good. Midseason.

HARDSTONE (S)—Listed in Ill., 1900. Practically identical with **EXCELSIOR** (of Hubach) but a few days later.

HARMON (S)—Int. about 1892. Berry medium, round-conic, very dark crimson; flesh dark red, firm, very good; runners numerous. Early. Resembles **MEEEK**.

HARRISON—Orig. Chester county, Pa., chance seedling; int. before 1870. Resembled **HOVEY**.

HARRISON (of Adams) (S)—Orig. Geo. W. Adams, Tamaqua, Pa.; int. about 1897. Berry large; runners numerous. Midseason.

Harrison—See **PRESIDENT HARRISON**.

HARRY—Listed in Mo., 1894. Berry large, good.

HAERT (S)—Largely grown in Md. about 1862, as an early variety for northern markets.

***HAERTNELL** (S)—Orig. Mr. Hartnell, Oregon City, Ore.; listed in 1913. Berry medium or below, round-conic, dark crimson; flesh medium red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

HAERT'S MINNESOTA (S) (Hsrt)—Orig. 1872, John Hart, Winona, Minn.; int. 1875. Berry medium, round-conic, crimson, medium firm, good; runners numerous. Midseason.

HATCH EXPERIMENT STATION (P)—Orig. Hatch Exp. Station, Amherst, Mass.; int. about 1892. Berry large, round-conic to obconic, crimson; flesh medium red, firm, sub-acid, very good; runners moderate. Late. A stamineate seedling (No. 24) was disseminated from the same source.

HATFIELD (S)—Orig. Wm. Cook, Camden county, N. J.; int. about 1889. Berry medium, conic, crimson, firm, sweet, good. Midseason.

HATHAWAY (S)—Orig. B. Hathaway, Little Prairie Ronde, Mich.; int. about 1850. Berry large, roundish to oblong, dark scarlet; flesh light red, medium firm, acid, good. Several seedlings were sent out for trial from the same source. One of these became **MICHIGAN** (of Hathaway).

Hathaway—See **ALICE HATHAWAY; EARLY HATHAWAY; HUBACH AND HATHAWAY**.

HATTIE JONES (P) (Jones; Hattie)—Orig. J. H. Haynes, Delphi, Ind.; int. about 1889. Berry medium, round-conic, light scarlet; flesh whitish, soft, poor; runners numerous. Mid-season. Distinct from **JONES SEEDLING**, int. about the same time.

HATTIE WARFIELD (P) (Maggie Warfield)—Orig. W. W. Sewall, Cathage, Mo.; int. about 1897. Berry medium, round-conic, dark scarlet, firm, good. Midseason.

***HAUPT**—Listed in Tex., 1914.

***HAVERLAND (P)**—Orig. in 1882 by B. H. Haverland, Cincinnati, Ohio, **CRESCENT x SHARP-LESS**; int. in 1887. Plant large, upright; foliage abundant, light green; runners few; fruit stalks short, too weak to hold up the fruit; berries medium to large, long-conic, sometimes necked, bright light scarlet; calyx medium, easily detached; seeds numerous, large, slightly protruding; flesh light red, medium firm; core pink, solid; flavor sub-acid; quality good. Midseason. Popular for home use and near markets because of its remarkable productiveness and pleasing appearance. Rather soft for distant markets and too light in color, but it carries fairly well if picked early. In wet seasons the berries become quite soft. It has a long ripening season and is seldom injured seriously by frost. **DUNLAP, CLYDE, PARSON, LOVETT** and **BEDER WOOD** are good pollinizers for **HAVERLAND**. It profits by an abundance of moisture. **HAVERLAND** is one of the best sorts for family use.

***HAWAII (S)**—Orig. 1895, E. W. Wooster, Hancock Point, Me., **HAVERLAND x PARKEE EABLE**; int. 1899. Berry medium, conic, light crimson; flesh light red, medium firm, sub-acid, good; runners numerous. Early.

HAWKINS (S)—Orig. Ga.; listed in 1848.

HAYDEN (S)—Orig. James Stayman, Leavenworth, Kan.; int. about 1894. Berry scarlet; flesh light red, firm, acid, good; runners numerous. Midseason.

HAYES' PEOLIFIC (P) (Frost Proof)—Orig. Chester county, Pa.; int. 1894. Berry medium, round-conic, dark crimson, medium firm, fair. Midseason.

***HAZEL (P)**—Orig. J. H. Black, Son & Co., Hightstown, N. J., **BUBACH x CHARLES DOWNTING**; int. 1904. Berry medium, round-conic, dark scarlet; flesh medium red, medium firm, good; runners numerous. Midseason.

***HEATH (P)**—Orig. J. B. Miller, Anna, Ill., **CRESCENT x BIDWELL**; int. about 1890. Berry large, firm, good. Early.

***HEFLIN (S)** (Heffin's Early)—Orig. N. C.; int. about 1902. Berry medium, round-conic, bright crimson; flesh light red, firm, sub-acid, good; runners few. Early.

***HEFLIN AND HANBACH (P)** (H. and H., No. 3, of some)—Orig. T. M. Hanbach, Warrenton, Va.; int. about 1896. Berry medium, irregular-conic, dark crimson; flesh dark red, medium firm, acid, fair; runners numerous. Midseason.

HELEN (S)—Orig. Robert Lewis, Castleton, N. Y.; int. about 1875. Berry medium, round-conic, light scarlet; flesh whitish, firm, very good. Late.

***HELENA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada. Listed 1914.

***HELEN BROWNING (S)**—Orig. C. A. Browning, Apponong, R. I.; chance seedling; int. 1913. Berry medium, round-conic to irregular wedge-shape, dull scarlet; flesh light red, firm, acid, good. Medium early.

HELEN CHAPMAN (P)—Listed in 1897. Berry medium, conic, light scarlet, firm, acid. Midseason.

***HELEN DAVIS (S)**—Orig. 1905, Geo. W. Davis, Brazil, Ind., chance seedling; int. 1911. Berry medium, round-conic, light crimson; flesh medium red, medium firm, sweet, fair; runners numerous. Medium early.

*HELEN GOULD (P) (Gould, of some)—Orig. about 1896, J. R. Peck, Breckenridge, Mo., JEWEL x JESSIE; int. 1907. Berry medium, round-conic, crimson; flesh medium red, medium firm, sub-acid, fair; runners few. Midseason.

HENDERSON (S)—Orig. Geo. Seymour, S. Norwalk, Conn.; int. 1885. Berry medium, long-conic, necked, crimson, medium firm, very good; runners numerous. Medium early. Henderson's Repeater—See REPEATER.

*HENRY (of Wadsworth) (S)—Orig. J. O. Wadsworth, Wiscott, N. Y., chance seedling; int. about 1900. Berry medium, roundish, dark crimson; flesh dark red, firm, very good; runners numerous. Medium early.

*HENRY (of Gardner) (S)—Orig. C. F. Gardner, Osage, Iowa; int. about 1913, as an "Ever-bearer."

Henry—Int. about 1896, Henry Jerolmen, Hilton, N. J. Identical with MARSHALL.

HENRY WARD BEECHER (S)—Orig. H. H. Alley, Hilton, N. J., CHAMPION (of Neff) x SHARPLESS; int. 1894. Berry large, irregular round-conic to wedge-shape, dark crimson; flesh dark red, medium firm, good; runners numerous. Early.

HERBET (S) (Herbst's No. 2)—Orig. J. L. Herbst, Sparta, Wis., seedling of WARFIELD; int. about 1892. Berry medium, round-conic, very dark crimson; flesh dark red, firm, acid, fair; runners moderate. Medium late.

HEECULEAN—Listed in Ontario, 1882. Berry small, very good. Early.

*HERITAGE (S)—Orig. 1902, J. E. Heritage, Marlton, N. J., BARTON x MARSHALL; int. 1906. Berry large, irregular long-conic to wedge-conic, dull crimson; flesh light red, medium firm, sub-acid, good; runners few. Late.

HERALD (S)—Orig. Henry Young, Ada, Ohio; int. about 1895. Berry medium, very irregular, coxcombed, dark scarlet with green tips, firm, good. Midseason.

*HERMIA (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of WILLIAM BELT; int. 1913. Berry medium to large, wedge-conic, dark crimson; flesh dark red, firm, sub-acid, good; runners moderate. Midseason.

HERMINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, bright crimson, good. Late.

HERMIT (S)—Orig. F. L. Piers, New Providence, Ind.; int. about 1890. Berry medium to large, round-conic, bright crimson, medium firm, good; runners numerous. Medium early.

HERMOSA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse, dark scarlet, good.

*HERO (of Bauer) (S)—Orig. J. C. Bauer, Judsonia, Ark.; int. 1900. Berry large, round-conic to wedge-shape, scarlet; flesh medium red, medium firm, sub-acid, fair; runners few. Early to midseason.

HERO (of Wilder)—Orig. Marshall P. Wilder, Dorchester, Mass.; int. 1878. Berry large, long-conic, crimson; flesh medium red, fair. Distinct from the HERO orig. by De Jonghe, Belgium, which was listed here about 1870.

HEROINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, dark scarlet, sweet, good.

HERSEY (S) (Heraey Columbia)—Orig. Samuel Hersey, Hingham, Mass.; int. 1893. Berry medium, irregular round-conic, necked, dark crimson; flesh dark red, medium firm, good; runners numerous. Midseason.

HERVEY DAVIS (S) (Harvey Davis)—Orig. 1875, J. B. Moore, Concord, Mass.; int. 1878. Berry large, round-conic, bright crimson; flesh whitish, medium firm, good. Midseason.

HEWITT'S SEEDLING—Listed in Wis.; 1894.

HIAWATHA (S)—Orig. James Stayman, Leavenworth, Kan., seedling of AROMA; int. about 1893. Berry medium, roundish, scarlet, medium firm, fair. Midseason.

HIGGIN'S SEEDLING—Listed in 1844; probably orig. Mass. Late.

*HIGHLAND (P)—Orig. about 1898, T. B. Carlisle, Canfield, Ohio, chance seedling; int. 1908. Berry medium to large, round-conic, obtuse, light crimson; flesh medium red, soft, brisk sub-acid, fair; runners numerous. Midseason.

*HIGHLAND KING—Listed in 1914. Berry medium to large, oval conic, crimson; flesh medium red, mild sub-acid, good. Medium early.

***HILTON** (S to semi-S) (Hilton Gem; Alley)—Orig. 1881, H. H. Alley, Hilton, N. J., supposed seedling of **SHARPLESS**; int. 1886. Berry large, irregular round-conic to ovate, light crimson; flesh medium red, firm, acid, good; runners numerous. Midseason.

HINMAN (S) (Hinsmore)—Orig. 1884, Mr. Hinman, Akron, Ohio, chance seedling; int. 1890. Berry medium, irregular round-conic, scarlet, medium firm, good; runners very numerous. Midseason.

HOBSON'S CHOICE (Hobson)—Orig. 1893, James Nimon, Denison, Tex., **HAVERLAND** x **PARKER EARLE**; int. about 1897. A rampant grower of the **WARFIELD** type.

***HOFFMAN** (S)—A chance seedling found about 1884 by a Mr. Hoffman, of Charleston, S. C.; int. 1887. It is thought to be a seedling of **NEWMAN**. Plant upright, very vigorous; runners moderate; fruit stalks stout; berry medium, round-conic, dark crimson; flesh medium red, firm; flavor acid; quality fair. Early. The **HOFFMAN** supplanted the **NEWMAN** and from 1890 to 1905 was the dominant variety in the South, until superseded by **KLONDIKE**. It ripens about as early as **MICHEL**, but the berries are larger and firmer. **HOFFMAN** prefers light soils and needs heavy fertilizing. Until fully ripe the berries are quite sour.

***HOLLAND** (S)—Listed in 1907. Berry large, round-conic, dark scarlet; flesh medium red, soft, sub-acid, fair. Midseason.

HOLLAND (of Ark.) (P)—Orig. 1892, Mr. Holland, Judsonia, Ark., chance seedling; int. 1895. Berry large, round-conic, light crimson; flesh medium red, soft, fair; runners numerous. Midseason.

HOLLAND'S GLORY (S)—Listed in 1898.

***HOMELAND** (P)—Listed in Ont. 1907, as "an old variety."

HOMESTEAD (S)—Orig. E. W. Cone, Menominie, Wis.; int. about 1896. Berry small, irregular round-conic, dark crimson, soft, very good. Midseason.

HONEST CHAKLIE (S)—Orig. Chaa Learned, Pulaski, New York; int. about 1900. Berry medium; runners very few.

HONEY (of Ohio)—Listed in 1861 as "a new Ohio variety of great sweetness."

HONEY (of Calif.) (S)—Orig. S. L. Watkins, Grizzly Flats, Calif.; probably an **ALPINE**, but possibly a variety of the Calif. form of *F. chiloensis*; int. about 1892. Berry small, oblong, bright crimson, medium firm, very sweet, highly perfumed, somewhat musky. In Calif. it fruiting eight months of the year.

HONEY DEW—Listed in Ill., 1885.

Hood River—Syn. of **CLARK**.

HOOKER'S SEEDLING (S)—Orig. H. E. Hooker, Rochester, N. Y.; int. about 1852. Berry large, round-conic to coxcombed, very dark crimson; flesh dark red, soft, sweet, very good. Midseason. Popular in western N. Y., 1852-60.

HOOSIER (S)—Orig. Ran Benoy, Matthews, Ind.; int. about 1896. Berry large, irregular round-conic to wedge-shape, dark crimson; flesh dark red, firm, very good; runners few. Medium late.

Hooley and Hoovey—Probably corruption of **HOVEY**.

***HOPKINS** (S) (Hopkins' Choice)—Listed in Ore., 1909. Berry medium, round-conic, dark crimson; flesh medium red, medium firm, good; runners few. Midseason.

HOVEY (P to semi-S) (Hovey's Seedling; Germantown, of some)—Orig. 1834, C. M. Hovey, Boston, Mass., thought to be either **METHVEN SCARLET** x **KEENS' SEEDLING** or **MUL-BERRY** x **KEENS' SEEDLING**; int. 1838. Plant large, upright; leaf stalks short; leaflets large, roundish, generally convex, obtusely serrated, dark green; runners numerous; flowers rather small; fruit stalk about the same length as the leaves, moderately stout; berry medium to large, round-conic, glossy dark scarlet to crimson; calyx very small, reflexed, finely divided; seeds dark, slightly imbedded; flesh light red, firm; flavor sub-acid; quality good. Midseason. The first great North American variety. It was valued for home use more than for market as it required high culture and was tender. **HOVEY** was a standard sort near Boston as late as 1880. When first introduced, it failed in many places because of poor pollination; later it was commonly pollinated with **LARGE EARLY SCARLET** and **BOSTON PINE**. In 1889 the American Pomological Society reported that the **HOVEY** was still grown in sixteen States. It passed out of cultivation about 1898.

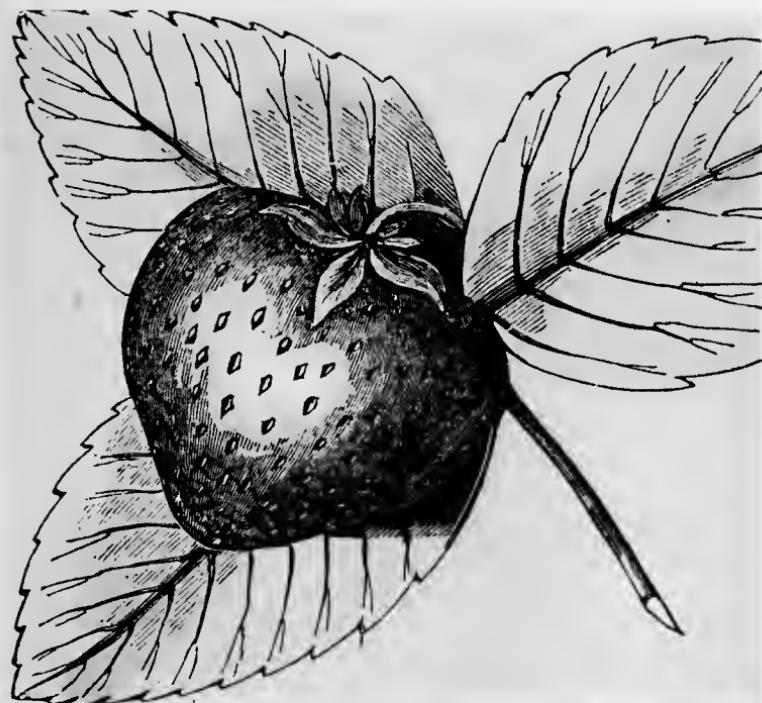


FIG. 9—HOVEY—THE FIRST GREAT AMERICAN VARIETY.
(From Mag. Hort. 40, p. 285)

***HOWARD** (of Black) (S)—Orig. J. H. Black, Son & Co., Hightstown, N. J., **BARTON** x **GANDY**; int. 1899. Berry large, round-conic, often coxcombed, dark scarlet; flesh light red, medium firm, good; runners numerous. Late.

***HOWARD** (of Michigan) (P) (Howard's No. 2)—Orig. 1895, G. W. Howard, Stevensville, Mich., chance seedling; int. 1904. Berry large, roundish to round-conic, dark crimson; flesh medium red, firm, fair; runners numerous. Medium early.

***HOWARD** (of Mass.) (S) (Howard's No. 17)—Orig. A. B. Howard, Belchertown, Mass.; int. about 1909. Berry large, long-conic to wedge-shape, bright scarlet; flesh light red, medium firm, mild sub-acid, good; runners numerous. Medium early.

HOWARD (of Ind.) (P)—Orig. Ind.; int. about 1868. Berry large, firm, very good. Mid-season.

Howard's Seedlings Nos. 4, 7, 103, 3, 25, 41, 401—From A. B. Howard, Belchertown, Mass., and several others from the same source, have been widely tested.

Howard's Early—See **EARLY HOWARD**.

Howard's No. 96—See **NINETY-SIX**.

HOWELL (S) (Howell's Late Prolific)—Orig. about 1880, S. S. Howell, Knox county, Tenn.; int. about 1885. Berry large, conic, sometimes necked, dark crimson; flesh medium red, firm, mild sub-acid, good; runners numerous. Midseason.

***HUB** (S)—Orig. 1901, Geo. P. Fuller, Melrose, Mass., **BUBACH** x **BELMONT**; int. 1911. Berry medium to large, round-conic, dark crimson; flesh dark red, firm, sweet, very good; runners few. Midseason.

***HUBACH** (Hubach Beauty)—Orig. Louis Hubach, Judsonia, Ark.; int. 1912. Berry medium to large, round-conic, dark crimson; flesh dark red, firm, sub-acid, fair. Early.

Hubach—See **LOUIS HUBACH**; **MELLIE HUBACH**.

***HUBACH AND HATHAWAY** (S) (H and H, of some)—Orig. Louis Hubach, Judsonia, Ark., **BARTON** x **GANDY**, x **EXCELSIOR** (of Hubach); int. 1906. Berry large, round-conic, bright crimson; flesh medium red, firm, sub-acid, good; runners numerous. Very early. Sold by the originator for \$1,500 (including 150,000 plants), the highest price recorded for a new variety. Confused with **HEFLIN AND HANBACH**, which also has been sold as H and H.

HUDDLESTON'S FAVORITE (P)—Orig. 1874, D. Huddleston, Dunreith, Ind., **WILSON** x **AGRICULTUREST**; int. 1879. Berry large, round-conic, bright crimson, medium firm, mild sub-acid, good; runners few. Late.

HUFFNAGLE—Listed in Ill., 1902.

HUDSON (S) (Hudson's No. 10)—Listed in Mich., 1879. Berry large, round-conic, dark scarlet, firm, good; runners numerous. Midseason.

HUDSON (of Lindsley) (P)—Orig. J. H. Lindsley, White House Station, N. J.; int. about 1894. Berry small, irregular. Late.

Hudson—Refers mostly to **HUDSON'S BAY**; sometimes to **EARLY HUDSON**. See also **PROLIFIC HUDSON**; **RIVAL HUDSON**.

HUDSON'S BAY (P) (Hudson, of some; Late Scarlet; York River Scarlet; Hudson's Pine)—The origin of this variety is in doubt; it was thought to have originated "near York River, in Hudson's Bay." According to Barnat, it was introduced into England from Rhode Island, in 1785. It was grown commercially in North America before 1828. Plant upright, with strong, hairy leaf stalks; leaflets of medium size, concave, bluntly serrate; runners numerous, hairy; fruit stalks about half as long as the leaf stalks; flowers very small, late, berry medium, ovate to conic, necked, dark shining crimson; calyx of medium size, reflexed; seeds deeply imbedded with ridged intervals; flesh pale red, firm; core hollow; flavor acid; quality good. Very late. Confused with **EARLY HUDSON**, which was early and had a short neck, but was otherwise quite similar. **HUDSON'S BAY** was the most popular variety of the Scarlet in North America, next to **LARGE EARLY SCARLET**. It was largely grown until about 1850, especially for the New York and Philadelphia markets. In 1849 A. J. Downing said, "The **HUDSON** is the most profitable market strawberry in all soils." It was especially valued for preserves. It passed out of cultivation about 1870.

Huffman—See **HOFFMAN**.

***HUGHSON** (P)—Orig. 1906, Edward Hughson, Lake Mills, Wis., chance seedling; int. 1909. Berry medium large, irregular-roundish, crimson; flesh medium red, firm, fair; runners numerous. Early.

Hulhert—See **HURLBERT**.

HULDAH'S PROLIFIC—Listed in Ohio, 1880.

Hull-Less—Syn. of **MOUNT VERNON**.

***HUMMER** (S)—Said to have orig. about 1898, Kalamazoo county, Mich.; int. 1906. Very similar to, if not identical with **NEW YORK**, which was int. 1897.

***HUNDRED DOLLAR** (S) (\$100)—Orig. W. Hathaway, Madison, Ohio; int. 1901. Berry large, irregular round-conic to wedge-shape, light crimson; flesh medium red, firm, mild sub-acid, good; runners few. Midseason.

HUNN (P) (Hume)—Orig. 1889, C. E. Hunn, N. Y. State Exp. Station, Geneva, N. Y., **JOHN-SON'S LATE** x **SHARPLESS**; int. about 1894. Berry large, round-conic, very dark crimson; flesh dark red, firm, acid, good; runners moderate. Very late. Rusted badly.

HUNTLEY—Orig. H. D. Huntley, Chestnut Grove, Ohio; listed 1900. Berry large, roundish, scarlet, good.

HUNTSMAN (S)—Orig. W. A. Huntzman, Lawson, Mo.; int. about 1891. Berry large, round-conic, dark crimson; flesh dark red, medium firm, acid, very good; runners numerous. Midseason.

HUNTSMAN'S FAVORITE—Orig. G. W. Huntsman, Flushing, N. Y.; int. about 1850. Berry medium, conic, scarlet.

Huntzman's Pintillate—Syn. of **AMERICAN QUEEN**.

HUNTSMAN'S MONTEVIDEO (P)—Orig. G. W. Huntsman, Flushing, N. Y.; int. about 1856. Berry large, light scarlet. Late.

HURLBERT (S) (Hulhert)—Int. about 1889. Berry medium, conic, firm, sub-acid, good.

***HUSTLER** (Pinchot) (P)—Orig. R. P. Lovett, Falleington, Pa.; int. 1909. Berry large, round-conic, dark scarlet; flesh light red, medium firm, mild sub-acid, good; runners numerous. Medium late.

HYSLOP (S)—Orig. Del.; int. about 1890. Practically identical with **CRYSTAL CITY**.

***IDA**—Listed in 1903, supposed seedling of **WARFIELD**. Berry medium, round-conic, bright crimson, very firm, very good.

IDA (of Cocklin) (P) (Miss Ida)—Orig. 1856, E. H. Cocklin, Shepherdstown, Pa., said to be "a variety of *F. illinoensis*"; int. 1867. Berry small to medium, round-conic, dark crimson, firm, acid, good; runners very numerous. Early to midseason.

IDA (of Carpenter) (P)—Orig. W. S. Carpenter, N. Y.; int. 1866. Berry medium, round-conic, bright scarlet, firm acid, good; runners numerous.

Ida—See **BRIGHT IDA**.

Idaho—See **CLARK**.

***IDEAL** (of Kerr) (S)—Orig. 1889, J. W. Kerr, Denton, Md., **BUBACH** x **HOFFMAN**; int. 1896. Berry medium to large, round-conic, bright crimson; flesh dark red, firm, acid, good; runners moderate. Midseason. Valued for canning.

***IDEAL** (of Haynes) (S)—Orig. J. W. Haynes, Delphi, Ind.; int. about 1910. Berry large, conic, crimson; flesh medium red, medium firm, mild sub-acid, good. Midseason to late.

IDEAL—Listed in Mich. 1886.

***IDOREA** (S)—Orig. T. B. Carlisle, Liabon, Ohio, chance seedling in Idora Park, Youngstown, Ohio; int. 1909. Berry large, round-conic to wedge-shape, dark scarlet, medium firm, mild sub-acid, good; runners moderate. Midseason.

IMA (P) (Irma)—Orig. Leroy Brown & Sons, Clyde, Ohio; int. about 1896. Berry small, conic, scarlet, firm, fair; runners few. Midseason.

IMOGENE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light acarlet, good.

IMPERIAL—Int. 1891, W. S. Reddick, Neptune, La. The Imperial listed about 1871 was probably the English **KEENS' IMPERIAL**.

IMPERIAL CRIMSON (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, round-conic, dark scarlet, firm, sweet, good.

IMPERIAL SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, round-conic, light scarlet, firm, brisk sub-acid.

Improved Bubach, Improved Klondike, Improved Neunan, Improved Parker Earle, Improved Sharpless, Improved Thompson, Improved Wilson, etc., are mostly trade names for selections not differing materially from the type.

***INDIANA** (of Schild) (S)—Orig. 1905, H. J. Schild, Ioma, Mich., **RED CROSS** x a seedling from **DAWN** x **IONIA**. Berry large, wedge-shape, dark crimson, firm, mild sub-acid, very good; runners numerous. Midseason.

INDIANA (of Jennings) (P)—Listed in 1861 as "a variety of scarlet." Berry large, obtuse-conic, crimson, sub-acid, very good.

INDIANA (of Teas) (S)—Orig. 1875, E. Y. Teas, Dunreith, Ind., seedling of **CHARLES DOWNING**; int. about 1882. Berry medium to large, round-conic, light crimson, medium firm, good; runners numerous. Early to midseason.

Indian River Seedling—Syn. of **CLOUD**.

***IONIA** (P) (Ionia Market)—Orig. 1905, H. J. Schild, Ionia, Mich., seedling of **PARKER EARLE**; int. 1907. Berry large, round-conic, necked, bright crimson; flesh medium red, medium firm, sub-acid, fair; runners moderate. Midseason.

***IOWA** (of Rockhill) (S) (Rockhill's No. 8)—Orig. 1906, Harlow Rockhill, Conrad, Iowa, **DUNLAP** x **PAN-AMERICAN**; int. 1911. Berry medium to large, round-conic, light scarlet; flesh medium red, medium firm, mild sub-acid, fair; runners few. Spring crop midseason; everbearing under special treatment.

IOWA (of Cincinnati) (S) (Iowa Male; Washington; Early Washington; Brook's Prolific)—A variety of the western form of *F. virginiana*; int. before 1885. Berry medium to large, roundish, orange acarlet; flesh light red, sweet, very acid, poor; runners very numerous. A leading commercial variety near Cincinnati 1840-1860. Thrived on the lighter and poorer soils.

IOWA BEAUTY (S) (Childs, of some)—Orig. C. E. Walworth, Marshall county, Iowa; int. 1891. Berry medium to large, round-conic, bright crimson; flesh medium red, firm, very good; runners numerous. Midseason.

IOWA MAMMOTH—Orig. J. A. Fowler, Waterloo, Iowa; int. about 1877.

***IOWA PRIDE** (Pride of Iowa)—Listed in 1914.

IOWA PROLIFIC (P)—Orig. J. A. Fowler, Waterloo, Iowa; int. about 1877. Berry large, roundish-flattened, bright crimson, soft, good. Midseason.

IPHIGNE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, long-conic, dark crimson, acid.

***IRENA (S)**—Orig. W. S. Butler, Chetek, Wis., supposed **JESSIE x WARFIELD**; int. about 1896. Berry medium, irregular wedge-conic, dull dark crimson, green tips; flesh light red, firm, mild sub-acid, fair; runners moderate. Very early.

***IRENE**—Int. about 1900. Berry medium, round-conic, bright crimson; flesh medium red, firm, brisk sub-acid, fair; runners moderate. Midseason.

***IRENE (of Riehl) (S)**—Orig. E. H. Riehl, N. Alton, Ill.; int. about 1908. Berry medium to large, irregular-conic, light crimson, medium firm, good. Midseason.

Irma—See **IMA**.

Iron Clad—See **PHELPS; OREGON IRONCLAD**.

***IRWIN (S)**—Listed 1905. Berry medium, conic, good; runners numerous. Midseason.

***ISABELLA (S) (Gandy Belle; No Name)**—Orig. James Lippincott, Jr., Cumberland county, N. J.; int. about 1892 as No Name. Berry large, irregular round-conic to wedge-shape, dark crimson; flesh medium red, firm, acid, good; runners numerous. Late.

***ISLAND (S) (Island King)**—Orig. Irwin Joyce, Canada, seedling of **LOVETT**; int. 1909. Berry medium to large, irregular round-conic, dark crimson; flesh dark red, firm, mild sub-acid, fair; runners numerous. Midseason.

ITASCA (P) (Itaska)—Orig. J. H. Haynes, Delphi, Ind., **MANCHESTER x SENECA QUEEN**; int. 1886. Berry medium, roundish, crimson, firm, sub-acid, good; runners numerous. Midseason.

IVANHOE (S)—Orig. G. W. Trowbridge, Glendale, Ohio, seedling of **PRINCE OF BERRIES**; int. about 1887. Berry medium, conic, light crimson; flesh light red, firm, sub-acid, very good; runners numerous. Early.

J. A. Bauer—See **BAUER**.

Jack—See **CAPTAIN JACK; EARLY JACK**.

JACKSON & PERKINS (P)—Listed in Mass., 1897. Berry large, long-conic, crimson, medium firm, good. Midseason.

***JACOMA (S)**—Orig. Va.; int. about 1905. Berry large, crimson, medium firm, good; runners numerous.

***JAGGETS (S)**—Listed in Ont., 1904.

***JAMES (S) (James E.)**—Orig. Va.; int. 1915. Berry large, light crimson, medium firm, good; runners numerous. Medium early.

***JAMES TODD (S)**—Orig. 1906, Henry Schnell, Glasgow, Mo., chance seedling; int. 1912. Berry medium, irregular-conic, crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Midseason.

Jamestown—See **RICHMOND (of Babcock)**.

JAMES VICK (S) (Moonstone)—Orig. about 1878, Samuel Miller, Bluffton, Mo., chance seedling at Sedalia, Mo., supposed of **CAPTAIN JACK**; int. 1883. Berry medium or below, round-conic, crimson, medium firm, brisk sub-acid, fair. Medium late. Resembled **CAPTAIN JACK**.

JARBALO (S) (Jarabola)—Orig. James Stayman, Leavenworth, Kan., seedling of **FRANCES CLEVELAND**; int. about 1892. Berry medium to large, round-conic, light crimson, medium firm, good; runners moderate. Midseason.

JAY GOULD (P) (Gould)—Orig. 1887, in eastern Ohio; int. 1893. Berry small to medium, round-conic, dark crimson; flesh medium red, firm, very good; runners moderate. Midseason.

J. C. Bauer—See **BAUER**.

JEFFERSON—Int. about 1889. Berry large, orange-scarlet.

JENNEY'S SEEDLING (P)—Orig. 1845, Mr. Jenny, New Bedford, Mass.; int. about 1854. Berry medium to large, round-conic, dark crimson, firm, acid, good; runners numerous. Late.

JENNIE—Listed 1887.

JENNY LIND (S)—Orig. 1852, Isaac Fay, Cambridge, Mass., **OLD SCARLET x FAY**; int. 1855. Berry medium, conic, with short neck, scarlet, medium firm, sub-acid, good; runners numerous. Early.

***JEROME** (S)—Orig. R. M. Kellogg Co., Three Rivers, Mich., chance seedling; int. 1915. Berry light crimson, firm, acid, good. Valued for canning.

JERSEY MARKET (P)—Orig. N. J.; int. 1896. Berry medium, round-conic, light crimson, firm, good; runners numerous. Midseason.

JERSEY QUEEN (P)—Orig. 1878, E. W. Durand, Irvington, N. J.; int. 1881. Berry large, flattened, scarlet, medium firm, very good; runners few. Late. Valued for some years; required high culture. One of the parents of **GANDY**. Grown in Utah as late as 1907.

***JERRY RUSK** (S)—Orig. Ram Benoy, Matthews, Ind., **BUBACH** x **JESSIE**; int. 1894. Berry large, irregular, crimson; flesh medium red, firm, sub-acid, good; runners moderate. Midseason.

Jersey Scarlet—See **NEW JERSEY SCARLET**.

***JESSIE** (S to semi-S)—Orig. 1880, F. W. Loudon, Janesville, Wis., **SHARPLESS** x **MINER'S PROLIFIC**; int. 1886. Berry medium to large, round-conic to irregular wedge-shape, crimson; flesh medium red, firm, sub-acid, good; runners few. Midseason to late. No variety was more highly praised on introduction, but has failed except in a few localities, and requires high culture. Was largely planted on the Delaware peninsula to pollinate **BUBACH** and **HAVERLAND**. Still grown somewhat, especially, on the Pacific coast. In some places it is nearly pistillate.

JESSIE READ (S)—Orig. W. H. Read, Port Dalhousie, Ontario; int. about 1858. Berry large, round-conic, light scarlet, soft, sweet, good.

JEWELL (Jewell) (P)—Orig. 1880, P. M. Augur & Sons, Middlefield, Conn., from mixed seeds of **JERSEY QUEEN** and **PRINCE OF BERRIES**; int. 1885. Berry medium to large, obtuse-conic, crimson, firm, acid, good; runners few. Required high culture, and successful only in hills.

***JIM** (P)—Orig. J. H. Black, Son & Co., Hightstown, N. J.; int. 1889. Berry medium, round-conic to wedge-shape, light scarlet, soft, acid, good. Midseason.

Jim—See **UNCLE JIM**.

***JIM DUMAS** (S)—Orig. Louis Huhach, Judsonia, Ark., **BARTON** x **GANDY**, x **EXCELSIOR** (of Huhach); int. 1907. Berry medium, irregular-conic, dark crimson; flesh dark red, firm, acid, fair; runners numerous. Medium early.

Jockey Cap—Syn. of **MINER'S PROLIFIC**.

Jocunda—See **JUCUNDA**.

***JOE** (S) (Joe Emerson; Emerson's Jos; Joe Johnson; Big Joe)—Orig. J. H. Black, Son & Co., Hightstown, N. J.; a seedling of **MIDDLEFIELD** x **CHAIR'S FAVORITE** was crossed with **SHARPLESS**, and this with **GANDY**; int. 1899. Berry large, round-conic, dark crimson; flesh medium red, firm, sub-acid, good; runners moderate. Late. Valued under intensive culture.

Joe Crampton—See **CRAMPTON**.

***JOE DAVIS** (S)—Listed in Ohio, 1904. Berry large, round-conic, bright crimson; flesh medium red, medium firm, good. Midseason.

Joe Johnson—Syn. of **JOE**.

***JOE WHEELER** (S) (General Joe Wheeler)—Orig. in South, supposed seedling of **THOMPSON**; int. about 1905. Berry medium, conic with slight neck, dark, crimson; flesh medium red, medium firm, fair; runners numerous. Early.

***JOHN COOK** (S) (John H. Cook)—Orig. 1907, W. Van Fleet, Little Silver, N. J., a composite of several European and American varieties; int. 1914. Berry large, irregular-roundish, crimson; flesh red, firm, good. Medium early.

***JOHNSON** (S) (Johnson's Early)—Orig. 1893, O. A. Johnson, Manokin, Md., supposed **CRESCENT** x **HOFFMAN**; int. 1898. Berry medium to large, round-conic, sometimes irregular and necked, light crimson; flesh light red, medium firm, acid, good; runners numerous. Medium early. One of the largest early varieties; valued for home use and market.

JOHNSON'S LATE (P)—Orig. 1885, R. Johnson, Shortsville, N. Y., chance seedling; int. about 1888. Berry large, round-conic, sometimes flattened, light scarlet; flesh whitish, soft, very good. Very late.

JONES' SEEDLING (S)—Orig. Adams Jones, Plainfield, Ind.; int. about 1888. Berry medium to large, conic, dark crimson; flesh dark red, firm, good; runners moderate. Midseason.

Jones—See **HATTIE JONES**.

***JOPP** (S) (Jopp's Favorite)—Orig. W. H. Jopp, Caroline county, Md., chance seedling; int. 1916. Berry large, bright crimson; flesh dark red, firm, good. Midseason.

***JUCUNDA** (S) (Knox's 700)—The origin of the American stock of this foreign variety is in doubt. In 1866 John Saul, of Washington, D. C., said "It originated with M. Jamin and Durand, France, and was imported by me in 1858"; but the same year W. R. Prince of Flushing, N. Y., asserted, "The JUCUNDA originated with John Salter, Hammersmith, England, and was imported by me in 1859." It is probable that the latter account is correct. Plant large, upright, shallow rooted; leaf stalks smooth, leaflets large, light green; runners moderate; fruit stalks long; flowers large; berry large, obtuse-conic, frequently irregular and coxcombed, light crimson; flesh light red, firm; flavor sweet; quality good. Midseason to late. Since 1860, JUCUNDA has been a standard variety for heavy rich soils and intensive culture; it does not succeed under other conditions. John Knox of Pittsburg secured remarkable results with this variety, between 1860 and 1871 he reported yields of 300 and 600 bushels an acre. At first JUCUNDA failed nearly everywhere and was placed in the discarded list by Fuller in 1867, but Knox revived it under the name of "Knox's 700." JUCUNDA does best under hill training. The young plants grow slowly and are rather weak at first; the old plants are shallow rooted, tender, and require special care in mulching. JUCUNDA is now grown more commonly in the West than in the East. It is a special purpose variety.

JUCUNDA IMPROVED (S)—Orig. 1882, A. V. Gerbig, Pa., said to be seedling of JUCUNDA; int. 1890. Berry large, round-conic, light crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason.

JUDSONIA (S)—Orig. J. C. Bauer, Judsonia, Ark.; int. about 1892. Berry medium, irregular round-conic, light crimson, medium firm, good. Medium early.

***JULIA** (P)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of BUBACH; int. 1913. Berry large, conic to wedge-shape, crimson; flesh medium red, firm, brisk sub-acid, good. Midseason.

JULIEN—Orig. about 1860, W. F. Cramer, Dubuque, Iowa, seedling of PEOBODY'S SEEDLING; int. 1867. Berry medium, roundish-oval, with long neck, scarlet, medium firm, sweet, good.

***JULY** (P)—Orig. 1902, H. J. Schild, Ionia, Mich., descended from JESSIE, CRESCENT, WARFIELD and IONIA; int. 1907. Berry medium, conic, light scarlet; flesh light red, medium firm, acid, fair; runners moderate. Very late.

JUMBO (Latest of All)—Int. 1883, A. M. Purdy, Palmyra, N. Y. Berry large, to very large, irregular-oblong, light scarlet; flesh light red, medium firm, fair. Late. Many plants disseminated under this name were early, and identical with CUMBERLAND TRIUMPH. Distinct from the English LATEST OF ALL.

***JUNE** (Red June)—Orig. H. J. Schild, Ionia, Mich.; listed in 1908.

***KANSAS** (P)—Orig. J. J. Whittman, Emporia, Kan., chance seedling; int. 1900. Berry medium, round-conic, obtuse, bright crimson; flesh medium red, firm, acid, good; runners moderate. Midseason.

KANSAS MAMMOTH (S) (Reed's Kansas Mammoth)—Int. about 1880. Berry medium to large, irregular, dark crimson, medium firm, sub-acid, poor.

KANSAS PROLIFIC (S)—Jamea Stayman, Leavenworth, Kan., seedling of WAEFIELD. Berry medium, round-conic, dark crimson, medium firm, good; runners numerous. Medium early.

KAEL (S)—Orig. F. C. Stahelin, Bridgeman, Mich.; int. about 1895. Berry small, irregular to long, dark crimson, very soft, very poor; runners numerous. Late.

KATIE (of Haynes) (S)—Orig. J. H. Haynes, Delphi, Ind.; int. about 1890. Berry medium to large, round-conic, dull dark crimson; flesh dark red, soft, good; runners numerous. Midseason.

KATIE (of N. C.) (S)—This is listed in 1892 as of N. C. origin, and is probably distinct.

KEENS' SEEDLING (P)—Orig. 1819, Michael Keens, Isleworth, Eng., seedling of KEENS' IMPERIAL, which was a seedling of **WHITE CAROLINA**, a variety of the **PINE**; int. in England in 1821, and into North America about 1824. Berry large, roundish-ovate to coxcombed, dark scarlet; flesh light red, firm, good; runners moderate. Early. This famous "pine" strawberry was a standard variety here, for amateur culture only, between 1880 and 1840. Tender. It is still grown in England and Australia.

KEENS' SEEDLING (of Ernst) (P)—Orig. A. H. Ernst, Ind.; listed in 1857. Berry medium, roundish, light crimson, firm, acid, good. Midseason.

Kesrna—Syn. of **MUSKINGUM**.

KELLER'S SEEDLING—Int. about 1883. Early.

***KELLOGG** (P) (Kellogg's Prize)—Orig. 1906, R. M. Sears, La Grange, Ill., chance seedling; int. 1913. Berry large, round-conic, crimson; flesh dark red, firm, good. Late.

KENDALL—Erroneous for **FENDALL**.

***KENNOYER**—Listed in Mo. 1912.

KENT—Orig. Kent county, Del.; int. about 1868.

KENTUCKY (S)—Orig. J. S. Downer, Fairview, Ky., seedling of **DOWNER'S PROLIFIC**; int. 1869. Berry medium, round-conic, light crimson; flesh whitish, medium firm, sub-acid, good; runners moderate. Late. A standard late variety for home use and near market until 1885.

Kentucky—See also **CHAMPION OF KENTUCKY**.

KENTUCKY PROLIFIC (P)—Listed by Cincinnati, Ohio, Hort. Soc., 1846.

KENTZILL—Orig. G. F. Beede, Fremont, N. H.; int. about 1894.

KENWOOD SEEDLING—Orig. about 1860, J. A. Kennicott, Ill.; int. about 1862. Berry large, round-conic, light scarlet, soft, very acid, poor. Midseason to late.

KEER'S PROLIFIC (S) (Kerr's Late Prolific)—Orig. R. A. Kerr, N. Y.; int. 1875.

KESTLIN (S)—Listed in Iowa, 1902. Berry small, round-conic, crimson, firm, very good. Early.

***KEVITT** (S) (Kevitt's a Wonder)—Orig. 1902, T. C. Kevitt, Athenia, N. J., **BUBACH** x **PARKER EARLE**; int. 1907. Berry medium, oblong-conic, necked, light crimson; flesh medium red, medium firm, mild sub-acid, fair; runners few. Midseason.

***KEVITT BEST** (S)—Orig. T. C. Kevitt, Athenia, N. J.; int. about 1899. Berry small, irregular, scarlet, soft, acid, poor; runners few. Midseason.

***KEYSTONE** (P)—Orig. T. B. Carlisle, Lisbon, Ohio; int. 1909. Berry very irregular, scarlet, firm, poor; runners very numerous. Medium early.

***KILLARNEY** (S)—Orig. 1904, John F. Nickerson, Chatham, Mass., **JESSIE** x **MAXIMUS**; int. 1915. Berry very large, irregular wedge-shape, dull crimson; flesh dark red, firm, sub-acid, good; runners numerous. Midseason.

KINCKS (S)—Orig. Clark Hewitt, Waupun, Wis.; int. about 1892. Berry medium to large, scarlet, good; runners moderate. Midseason to late.

KING (P to semi-S) (King No. 2; King's Hardy)—Orig. Edward King, Wooster, Ohio; int. about 1887. Berry medium, round-conic, light crimson, medium firm, acid, good; runners numerous. Late.

King—See **AUTUMN KING**, **COBDEN KING**, **GOLDEN KING**, **ISLAND**, **MAY KING**, **PARIS KING**, **RUBY KING**, **SHIPPING KING**, **KING EDWAED**.

KING BENJAMIN (S)—Orig. Minn.; int. about 1907. Berry medium, white, with occasional streaks of red, good. A curiosity only. Distinct from **BENJAMIN**.

King Cluster—Syn. of **CRIMSON CLUSTER** (of Durand).

***KING EDWARD** (of Miller) (S) (King)—Orig. 1903, D. J. Miller, Millerville, Ohio, seedling of **MILLER**; int. 1906. Berry medium, round-conic, slightly necked, light crimson; flesh light red, firm, sweet, good; runners moderate. Midseason. First int. as King, but disseminated chiefly as **KING EDWARD**.

***KING EDWARD** (of Chrysler) (S)—Orig. Mr. Chryaler, Galt, Ont.; int. about 1906. Not as well established as **KING EDWARD** (of Miller).

King of the Earlies and King of the Earliest, are English varieties, teeted but slightly here.

King of the Autumn—See **AUTUMN KING**.

King of the North—Syn. of **PIONEER**.

***KING PHILIP** (S)—Int. about 1905. Berry large, irregular roundish to wedge-shape, bright scarlet; flesh light red, firm, sub-acid, good; runners numerous. Late. Resembles **GANDY**.

KING PHILIP (of Childe)—Orig. James P. Childe, Woonsocket, R. I.; int. about 1869.

***KING SOLOMON** (S) (King Sol)—Int. about 1910. Berry large, conic, light scarlet, firm, sweet, good; runners numerous. Medium early.

KING WORTHY (S)—Orig. E. W. Cone, Menemominie, Wis.; int. about 1896. Berry large, round-conic, scarlet; flesh light red, soft, poor; runners few. Midseason.

KINNEY'S ECLIPSE (S to semi-S)—Orig. 1873, F. J. Kinney, Worcester, Mass.; int. about 1880. Berry medium, ovate-conic, scarlet, medium firm, sub-acid, very good.

Kirkwood—Syn. of **MOUNT VERNON**.

KISSENA (S) (White Kissena; Kissany)—Orig. 1850, G. W. Huntsman, Flushing, N. Y., **BRITISH QUEEN** x a variety of *F. virginiana*; int. 1871. Berry medium, long-conic, sometimes coxcombed, light scarlet; flesh white, firm, mild sub-acid, good. Midseason.

Kitley's Goliath—See **GOLIATH**.

***KITTIE RICE** (P) (Downing's Bride; Rice; Downing's Pride)—Orig. about 1890, J. F. Beaver, Dayton, Ohio; int. 1896. Berry large, round-conic, dark crimson; flesh medium red, firm, brisk sub-acid, very good; runners moderate. Midseason. Valued for market and home use. First disseminated as "No. 1,000," and int. in 1896 as "Downing's Bride," this name having been given by a man in Virginia; meanwhile the originator named it **KITTIE RICE**, which was adopted in 1903.

KLICKITA (P)—Orig. E. W. Cone, Menomine, Wis., chance seedling; int. about 1893. Berry medium to large, conic, scarlet, firm, good. Midseason.



FIG. 10—**KLONDIKE**—THE STANDARD SHIPPING VARIETY OF THE SOUTH. (From Bul. 187. N. C. Dept. of Agr.)

***KLONDIKE** (S)—Orig. R. L. Cloud, Independence, La., **PICKERPROOF** x **HOFFMAN**; int. 1901. Plant erect, leaf stalks long, leaflets of medium size, dark green; runners moderate; fruit stalks shorter than the foliage, fairly stout; berry medium to large, round-conic, dark crimson; calyx large, reflexed, adherent, tinged with dull red; seeds medium, scattered, depressed; flesh dark red, very firm; core red, solid; flavor acid; quality fair. Midseason to late. **KLONDIKE** quickly supplanted **MICHEL THOMPSON**, **EXCELSIOR** and other varieties in the South; it is now grown almost exclusively in many parts of the South, especially in the Gulf States, for shipping to northern markets. It is a superb shipping variety, of good size and attractive appearance, but it is sour and its lateness is a disadvantage. It is not very resistant to drought, but is quite productive. The blossoms are protected from frost by the foliage. In Florida it is being supplanted by **MISSIONARY**. At least two other varieties were sent out on trial under this name, about 1900, but none achieved prominence. One, said to have orig. in Mass. was apparently identical with the above; another, orig. by D. J. Miller, Millersburg, Ohio, was called "Miller's Klondyke."

Klonike—See **CHAMPION KLONDIKE**.

KNIGHT (S)—Orig. Mich.; int. about 1896. Berry large, round-conic, dark scarlet; flesh light red, firm, very good. Late.

Knox's 700—Syn. of **JUCUNDA**.

KOHOCKEN—Orig. Amos Miller, Carlisle, Pa.; int. 1874. Late.

***KOKOMO**—Listed in Ill., 1911.

***KORONIS**—Orig. 1910, Paynesville, Minn., said to be "a sport from an eastern variety"; int. 1912.

KOSSUTH (S)—Orig. James Stayman, Leavenworth, Kan.; int. about 1893. Berry medium, round-conic, dark crimson, firm, good; runners numerous. Early.

KRAMER (S to semi-S) (Kramer's Seedling; Cramer)—Orig. 1863, F. W. Kramer, Dubuque, Iowa, seedling of **WILSON**; int. 1867. Berry medium, round-conic, dark crimson; flesh medium red, medium firm, acid, very good. A spurious sort seems to have been disseminated somewhat under this name. It was small, round, scarlet, good; and was said to have orig. by W. W. Beehee, Iowa.

***KRIDER** (P) (Krider's Best)—Orig. Vernon Krider, Middlebury, Ind.; int. 1915. Berry large, dark crimson. Midseason to late.

***KUROPATKIN** (S)—Orig. Md. Agr. Exp. Station, College Park, Md., **WILLIAM BELT** x **T. W. MATTHEWS** (an unintroduced seedling); listed in 1907. Berry small, round-conic, light crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Early.

***KYLE** (S)—Orig. 1889, W. C. Babcock, Bridgeman, Mich., chance seedling; int. 1897. Berry large, roundish, scarlet, soft, sub-acid, fair; runners numerous. Midseason to late.

***LA BELLE** (P) (Label)—Orig. about 1899, E. H. Ekey, Steubenville, Ohio, chance seedling; int. about 1906. Berry large, long-conic, necked, dark crimson, color uneven; flesh dark red, firm, acid, fair; runners few. Late.

***LA BON** (S)—Orig. H. J. Schild, Ionia, Mich.; int. 1916. Midseason. Very long roots; called "Alfalfa rooted."

LA CON (S to semi-S)—Orig. E. R. McKinney, Lacon, Ill.; int. about 1882. Berry medium to large, conic, crimson, firm, acid, good; runners moderate. Midseason.

LA CONSTANTE (S)—Orig. 1854, M. de Jonghe, Brussel, Belgium; int. to North America about 1858. Berry large, round-conic, bright crimson; flesh whitish, with rose tint, firm, sweet, very good to best; runners few. Late. Of exquisite flavor, but required high culture, and was very capricious in behavior. Highly esteemed for home use about 1860 to 1870.

La Crosse—See **BELLE OF LA CROSSE**.

LADIES' AROMATIC (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, sweet, good.

LADIES' FAVORITE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855.

LADIES' PINE (P)—Orig. W. H. Read, Fort Dalhousie, Ont., supposed seedling of **BURE'S** **SEEDLING**; int. about 1858. Berry small, roundish, light scarlet, soft, sweet, very good.

Lady Corneille—See **CORNEILLE**.

Lady Elgin—See **ELGIN**.

***LADY FINGER** (S)—Orig. Benjamin Prosser, Burlington, N. J.; int. before 1860. Berry medium, very long-conic, dark scarlet, firm, sub-acid, very good. Early. Valued for market about 1860, especially in N. J.

Lady Finger—See **BELLE** (of Thompson). An "English Lady Finger" was also grown here about 1860.

LADY FRANKLIN (P)—Orig. H. G. Wolfgang, Salem, Ohio; int. about 1896. Berry large, round-conic, light scarlet, medium firm, good; runners numerous. Midseason.

Lady Garrison—See **GARRISON**.

***LADY JANE** (S)—Orig. J. A. Bauer, Judeonia, Ark., **HAVERLAND** x **HOFFMAN**; int. 1900. Berry medium or below, long, irregular, scarlet, medium firm, good; runners moderate. Early.

LADY OF THE LAKE (P)—Orig. 1862, John C. Scott, Brighton, Mass., **PRINCE ALBERT** (an English variety) x **BRIGHTON PINE**; int. 1868. Berry medium to large, irregular-conic, with long neck, light crimson; flesh light red, firm, sweet, dry, good; runners numerous. Midseason. Was a favorite with market gardeners near Boston.

Lady Roosevelt—Syn. of **ROOSEVELT** (of Cathcoit).

LADY RUSK (S to semi-S) (Rusk)—Orig. 1884, William Stahl, Quincy, Ill., chance seedling; int. 1889. Berry medium, irregular-roundish, dark crimson; flesh light red, medium firm, fair; runners moderate. Early.

Lady Thompson—See **THOMPSON**.

Lady Townsend—See **TOWNSEND**.

***LA FOLLETTE** (S) (Governor LaFollette)—Orig. W. J. Moyle, Union Grove, Wis., seedling of **McKINLEY**; int. 1915. Berry large, oblong-conic, light crimson, acid; runners numerous. Midseason.

LAMONT (S)—Listed in 1894. Berry large, crimson. Late.

LANAH (S) (Lanahan; Lenah)—Orig. Miss.; int. 1894. Berry medium or below, conic, bright scarlet, very firm, good; runners moderate. Midseason to late.

LARGE CLIMAX (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, dark scarlet; flesh whitish, sweet, good.

LARGE EARLY SCARLET (S) (Early Virginia, of some)—This most noted variety of *F. virginiana* orig. in North America and was taken to England about 1624. The first record of its culture in North America was in 1790. It differed very slightly from the type of *F. virginiana*.

giniana, chiefly in the size of the fruit. Plant slender, upright; leaf stalks slightly hairy; leaflets oblong, somewhat folded, coarsely and sharply serrate, smooth above; runners very numerous; fruit stalks short; berry medium or below, roundish oval, light scarlet; calyx small, spreading; seeds deeply imbedded, the intervals between them ridged; flesh whitish, medium firm; flavor sub-acid; quality good. Very early. This was the dominant commercial variety in North America until about 1860, and it was grown to some extent as late as 1870. It ripened a few days earlier than OLD SCARLET, and was distinctly larger. Usually it produced two pickings of fair sized fruit, after which the berries rapidly deteriorated in size until they were little larger than the wild ones. They had a pleasant flavor and the plants were very hardy. This variety was preferred to HOVEY and most other sorts for market purposes, especially in western New York, until the introduction of the WILSON. It passed out of cultivation about 1878.

*LASSIE—Listed in 1914.

*LATE RITTNER (P)—Orig. Geo. Bittner, Milan, Ohio; int. about 1907.. Berry large, round-conic to wedge-shape, scarlet, firm, sub-acid, good; runners moderate. Midseason.

*LATE CHAMPION (S) (Townsend's Late Champion)—Orig. 1906, E. W. Townsend, Salisbury, Md., chance seedling near bed of AROMA; int. 1911. Berry large, round-conic, crimson; flesh medium red, firm, mild, sub-acid, good; runners moderate. Late.

Late Champion—See TODD; LATE STEVENS.

LATE CONE—Orig. Ohio; int. about 1875. Berry medium, conic, scarlet, firm, good. Late.

LATE GLOBESE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, firm, fair. Late.

*LATE JERSEY (S) (Late Jersey Giant)—Orig. 1907, W. VanFleet, Little Silver, N. J., a composite of several European and American varieties; int. 1912. Berry large, obtuse-conic, light crimson; flesh medium red, medium firm, mild sub-acid, very good; runners moderate. Late.

Late Mastodon—See MASTODON.

*LATE PROLIFIC (S)—Listed in Ohio, 1906. Berry medium, round-conic, dark crimson; flesh medium red, medium firm, acid, fair. Midseason.

LATE PROLIFIC (of Durand)—Orig. E. W. Durand, Irvington, N. J., HAQUIN (a foreign variety) x one of his own unnamed seedlings; int. 1870. Berry large, roundish-coxcombed, dark scarlet; flesh light red, soft, acid, good; runners moderate. Late.

LATE PROLIFIC (of Burr) (P)—Orig. John Burr, Columbus, Ohio; int. 1847. Berry medium to large, irregular, light crimson; flesh medium red, medium firm, acid, good. Late.

*LATE STEVENS (S to semi-S) (Stevens' Late Champion)—Orig. 1897, Arthur Stevens, Bridgeton, N. J., said to be "Bayview" (evidently not int.) x CUMBERLAND; int. 1903. Berry large, irregular wedge-conic to coxcombed, light crimson; flesh medium red, medium firm, sub-acid, good; runners moderate. Late. A close competitor of GANDY in a few places.

*LATE THOMPSON (P) (Thompson's Late)—Orig. Mark T. Thompson, Rio Vista, Va.; int. about 1896. Berry medium, conic, dark crimson; flesh dark red, firm, acid, good; runners numerous. Late.

*LATEST (P)—Orig. 1895, S. H. Warren, Weston, Mass., JEWELL x BELMONT; int. 1900. Berry medium to large, irregular wedge-conic, light crimson; flesh light red, medium firm, mild sub-acid, good; runners few. Late.

Latest of All—See JUMRO. An English variety of this same name was listed here about 1894, and in 1915.

LATHAM—Orig. 1870, E. Latham, Sag Harbor, Mo.. seedling of TRIOMPHE.

LAURELLA (P)—Int. about 1868. Berry large, round-conic, scarlet; flesh light red, soft, acid, fair.

LAUREL LEAF (S)—Orig. A. N. Jones, Leroy, N. Y.; int. about 1879. Berry medium, round-conic, light scarlet; flesh light red, soft, good.

*LAVINIA—Orig. 1906, Central Exp. Farm, Ottawa, Canada. Runners moderate. Listed in 1913.

LAWN—Int. about 1884. Berry variable in form, fair.

LAWRENCIA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, conic, light scarlet, good.

LAWTON'S PINEAPPLE (Lawton's Seedling)—Orig. about 1875, C. W. Lawton, Washington Territory. int. about 1879.

Laxton's Commander—See **COMMANDER** (of Laxton).

Laxton's Noble—See **NOBLE**.

***LEA** (S)—Orig. 1907. T. J. Custis, Craddockvills, Accomac county, Va.; int. 1910. Berry medium, round-conic, dull scarlet; flesh light red, firm, sub-acid, fair; runners moderate. Medium early.

LEADEE (S)—Orig. J. B. Campbell, N. Reading, Mass.; int. 1892. Berry medium to large, conic, dark crimson; flesh dark red, medium firm, good; runners numerous. Early. **LAXTON'S LEADEE**, an English variety, has also been tested here.

LEAD'S EARLY—Listed in 1894.

Leaver—Erroneous for **BEAVER**.

LEAVELL'S BEAUTY—Orig. B. S. Leavell, Trenton, Ky.; listed 1900. Berry roundish, dark crimson, very firm, good.

LEAVELL'S FAVORITE—Orig. B. S. Leavell, Trenton, Ky.; listed 1900. Berry large, scarlet, very good.

LEE (S)—Listed in Ont. 1901. Berry large, long-conic, acid; runners numerous.

LE BARON (S)—Orig. W. R. Prince, Flushing, N. Y., seedling of **SWAINSTONE** (an English sort); int. about 1855. Berry medium to large, obtuse-conic, dark scarlet, soft, sweet, very good.

LEED'S PROLIFIC—Orig. N. J.; int. about 1865. Berry medium, light scarlet. Very early. Resembled **OLD SCARLET**, but larger.

LEGAL TENDER (S)—Orig. Oscar Felton, Merchantville, N. J., **LADY PINGER** x **CINDERELLA**; int. about 1881. Berry medium, crimson; flesh medium red, soft, sweet, good; runners numerous. Midseason.

LEHIGH (P)—Orig. W. B. K. Johnson, Allentown, Pa., seedling of **CRESCENT**; int. 1891. Berry medium, round-conic, dark scarlet; flesh light red, medium firm, acid, fair; runners few. Midseason. Similar to **CRESCENT** except a week later.

***LEHMAN** (S)—Int. about 1900. Berry medium, conic, dark crimson; flesh medium red, medium firm, fair. Midseason.

Lens—See **LANAH**.

***LENNIG** (S) (Lennig's White; White Pineapple; Alhion White; White Albany Seedling)—Orig. about 1858, Mr. Lennig, Germantown, Pa., supposed seedling of **WILSON**; int. about 1863. Berry medium, round-conic, obtuse, whitish tinged with red; flesh pure white, soft, sweet, very good to best; runners moderate. Unproductive, but of delicious pineapple flavor; valued for home use. Quite hardy, has been successful in Canada. Very aromatic. Does best under hill culture. Considered by some to be **WHITE PINE**, a foreign variety.

LEO (S)—Orig. J. F. Beaver, Dayton, Ohio, seedling of **EFFIE** (of Beaver); listed 1899. Very large.

Leo—Sometimes refers to **LEON**; sometimes to **LEO XIII**, one of several French varieties distributed by the Div. of Pomology, U. S. Dept. of Agr., in 1889, none of which gained a foothold.

***LEON** (P) (Leo, of some)—Orig. J. H. Black, Son & Co., Hightstown, N. J.; int. 1899. Berry medium to large, oval, sometimes irregular, light scarlet, medium firm, fair; runners numerous. Midseason. See also **LEO**, with which it is confused.

LEONARD'S SEEDLING (S)—Listed in N. Y., 1890. Berry large, conic, dark crimson; firm, good; runners numerous. Early.

LEROY (P)—Orig. J. H. Haynes, Delphi, Ind.; int. about 1891. Berry medium to large, round-conic, ridged, dark crimson; flesh dark red, medium firm, good; runners numerous. Early to midseason.

***LESTER LOVETT** (S)—Orig. Matthew Mullen, Lincroft, N. J., probably seedling of **GANDY**; int. 1901. Berry medium to large, round-conic, light crimson; flesh medium red, firm, acid, good; runners moderate. Late. Very closely resembles **GANDY**.

***LEVI**—Listed in Calif., in 1899 and 1913. Berry very sweet, very good.

LEVIATHAN (S)—Orig. H. G. Wolfgang, Salem, Ohio, seedling of **SHAPELESS**; int. 1892. Berry large, flattened wedge-shape, light scarlet; flesh light, soft, fair. Midseason.

LEWIS EARLY—Orig. Ark.; listed in 1893.

LEXINGTON (S)—Orig. W. H. Earheart, Lexington, Ohio; int. about 1896. Berry large, irregular, scarlet; runners numerous. Midseason.

LIDA (P)—Orig. 1880, William Parry, Parry, N. J., seedling of **CRIMSON CLUSTER** (of Durand); int. 1886. Berry medium to large, round-conic, bright crimson; flesh medium red, fair; runners moderate. Midseason.

LIDDLE (S)—Listed in Ont., 1897. Berry small, scarlet, medium firm. Midseason.

LILLIE MONROE (S) (Monroe)—Listed in Mich., 1898. Berry large, conic, flattened, dull dark scarlet; flesh light red, soft, fair; runners moderate. Early.

***LINCOLN** (S) (Lincoln Seedling)—Orig. Mich.; int. about 1905. Berry medium, long-conic to wedge-shape, bright crimson, soft; runners numerous. Midseason.

LINCOLN—Int. about 1881. Very early. Distinct from the two varieties called **PRESIDENT LINCOLN**.

Lincoln—See **PRESIDENT LINCOLN**.

Linda—Syn. of **MELINDA**.

***LINDENWALD**—Orig. 1898, I. S. Palmer, Stuyvesant, N. Y., **BUBACH** x **JESSIE**. Berry oblong.

LINDLEY'S EVERBEARING—Orig. Mr. Lindley, Emporia, Va.; listed in 1892.

***LINNETT** (S)—Listed in Ohio, 1904. Berry medium, long-conic, dark crimson; flesh dark red, firm, good. Early.

***LITTLE JAP** (S)—Orig. A. T. Goldborough, Washington, D. C.; listed in 1911. Berry medium to large, roundish to coxcombed, bright crimson; flesh medium red, firm, mild sub-acid, fair. Medium early.

LITTLE MONITOR—Orig. W. A. Burgess, Glen Cove, N. Y.; int. about 1862. Berry small to medium, round-conic, obtuse, light scarlet; flesh whitish, soft, sweet, good. Distinct from the several varieties called **MONITOR**.

Little Seedlings—Several seedlings orig. by John Little, Granton, Ont., tested about 1890. One of these is **WOOLVERTON**.

***LIVINGSTON** (of Middleton) (S)—Orig. C. M. Middleton, supposed **WARFIELD** x **JESSIE**; int. 1900. Berry medium or below, irregular long-conic, necked, crimson; flesh medium red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

LIVINGSTON (of Wright)—Orig. 1880, F. L. Wright, Plainfield, Mich., chance seedling. Berry medium, scarlet, good. Very early.

LIZZIE RANDOLPH (P)—Orig. W. B. Brinkle, Philadelphia, Pa.; int. 1847. Berry medium to large, roundish, long-conic, poor.

LOGAN (S)—Orig. 1886, J. H. Haynes, Delphi, Ind., supposed seedling of **CRESCENT**; int. 1889. Berry medium to large, round-conic, light crimson, soft, fair; runners moderate. Midseason.

Lloyd's Favorite—Syn. of **SEAFORD**.

Lomer—Erroneous for **LOWER**.

LONE STAR—Orig. Chas. Garfield, Medford, Mass.; listed in 1879. Resembled **TRIOMPHE**.

***LONGFELLOW** (of Kellogg) (S)—Propagated by R. M. Kellogg Co., Three Rivers, Mich., origin unknown; int. 1909. Berry medium to large, long-conic, dark crimson; flesh medium red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

LONGFELLOW (of Webb) (S)—Orig. 1876, A. D. Webb, Bowling Green, Ky.; int. 1878. Berry large, long-conic, necked, dark crimson; flesh medium red, firm, sweet, good; runners few.

LONGFIELD (P)—Orig. James Stayman, Leavenworth, Kan., seedling of **WARFIELD**; int. about 1893. Berry medium to large, long-conic, dark crimson; flesh medium, firm, good; runners moderate. Early to midseason.

LONG JOHN (of Burdette) (S) (Black Strawberry, of some)—Orig. John Burdette, La Salle, N. Y.; int. 1871. Berry small to medium, oblong, very dark crimson, medium firm, sub-acid, poor. Midseason. Called "Black Strawberry" because of its very dark color when fully ripe.

LONG JOHN (of Wilde) (S)—Orig. Thos. Wilde, Herrington, Mich.; int. about 1892. Berry small, long-conic, bright crimson, medium firm, good; runners few. Early to midseason.

LONG JOINTER (S)—Orig. Iowa; listed in 1901. Berry large, resembling **GANDY**. Late.

***LONGWORTH** (S) (Longworth's Prolific; Schneike's Seedling; Schneike's Hermaphrodite)—Orig. 1848, Mr. Schneike, a tenant of Nicholas Longworth, Cincinnati, Ohio, being one of thousands of seedlings from the **HOVEY**, **KEENS' SEEDLING** and **TAYLOR'S SEEDLING**, that were impregnated with **SWAINSTONE SEEDLING**, an English variety. The seeds from

which this variety sprung were supplied to Schneike by Longworth; int. 1851. Plant large; leaf stalks long; foliage heavy; fruit atalks short; runners moderate; berry large, roundish-oval to roundish-flattened, crimson; flesh medium red, firm; flavor brisk sub-acid; quality good. Medium early. This is the oldest North American variety now in cultivation. It has never been widely grown and was consigned to the rejected list in most places by 1870; but it is still grown commercially in California and Australia. For many years it has commanded higher prices in the San Francisco market than any other sort. It succeeds better near the coast of California than in the interior valleys.



FIG. 11—THE FIRST ILLUSTRATION OF THE LONGWORTH (From the Horticulturist, 1858, p. 467)

round-conic to wedge-shape, very light scarlet to whitish; flesh whitish, medium firm, mild sub-acid, good; runners few. Midseason to late. Not successful here, but is of interest as one of the parents of **AMERICUS**, one of the best of our everbearing varieties.

***LOUIS HUBACH** (P)—Orig. Louis Hnbach, Judsonia, Ark., **WARFIELD** x **THOMPSON**; int. 1902. Berry medium, round-conic, dark crimson; flesh medium red, firm, acid, fair; runners numerous. Medium early.

LOUISE (S) (Burpee's Louise; Louisa)—Orig. Nicholaa Hallock, Creedmore, N. Y.; int. 1886. Berry medium to large, oblong-conic, necked, scarlet; flesh whitish, soft, good; runners moderate. Midseason.

***LOVETT** (S) (Lovett's Early)—Orig. 1885, J. H. Morris, Fairview, Ky., chance seedling, supposed **CRESCENT** x **WILSON**; int. 1890. Berry medium to large, round-conic, bright crimson; flesh medium red, firm, acid, good; runners few. Medium early to midseason. Has been a standard variety in its season; used largely to pollinate **CRESCENT** and **HAVERLAND**.

LOWER (S) (Lomer)—Orig. about 1878, Byron Lower, Mt. Pleasant, Mich.; int. about 1885. Berry large, round-conic, dark crimson, medium firm, good; runners numerous. Midseason.

***LUCAS** (S)—Orig. 1898, W. S. Todd, Greenwood, Del.; chance seedling; int. 1903. Berry medium, round-conic to wedge-shape, dark crimson; flesh medium red, medium firm, acid, fair; runners moderate. Midseason. The **LUCAS** orig. 1858 by M. de Jonghe, Brussels, Belgium, was tested here about 1867.

***LUCETTA** (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **BUBACH**; int. 1913. Berry large, roundish to wedge-shape, dark scarlet; flesh medium red, firm, sub-acid, fair. Medium early.

LUCKHURST (S)—Orig. N. Y.; int. about 1874. Berry large, round-conic, dark crimson, firm, good. Midseason.

LUCY (S)—Listed in Maas., 1897. Berry large, round-conic, crimson, soft, good. Midseason.

LUCY FITCH PROLIFIC (P)—Orig. 1850, Mrs. Lucy Fitch, Monroe, Mich.; int. about 1855. Berry medium, light scarlet, good. Late.

LULU—Orig. R. L. Cloud, Independence, La., **CRESCENT** x **HOFFMAN**; int. 1894.

***LUNSHIRE**—Listed in Ore., 1903. Berry large, crimson, medium firm, good. Late.

LUSCIOUS SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, dark scarlet, good.

Luther—See **AUGUST LUTHER**.

LUXURIANT—Orig. E. W. Durand, Irvington, N. J.; int. about 1868. Berry large, roundish, light scarlet, sweet, poor.

LOOMIS (S)—Int. about 1897.

London's No. 15—See **GOVERNOR HOARD**.

LOUELLA (S) (Leuella; Luella)—Int. about 1880. Berry large, irregular round-conic, often necked, dark crimson; flesh dark red, medium firm, acid, good; runners numerous. Midseason.

***LOUIS GAUTIER** (S) (Louisa Gantier; Gauthier)—Orig. Louisa Gantier, Calvadoa, France, **LA BELLE DE MEAUX** (an Alpine) x an unnamed variety resembling Lebreton's **MARGUERITE**; int. into America 1897. Berry medium to large, round-conic to wedge-shape, very light scarlet to whitish; flesh whitish, medium firm, mild sub-acid, good; runners few. Medium early to late. Not successful here, but is of interest as one of the parents of **AMERICUS**, one of the best of our everbearing varieties.

***LOUIS HUBACH** (P)—Orig. Louis Hnbach, Judsonia, Ark., **WARFIELD** x **THOMPSON**; int. 1902. Berry medium, round-conic, dark crimson; flesh medium red, firm, acid, fair; runners numerous. Medium early.

LOUISE (S) (Burpee's Louise; Louisa)—Orig. Nicholaa Hallock, Creedmore, N. Y.; int. 1886. Berry medium to large, oblong-conic, necked, scarlet; flesh whitish, soft, good; runners moderate. Midseason.

***LOVETT** (S) (Lovett's Early)—Orig. 1885, J. H. Morris, Fairview, Ky., chance seedling, supposed **CRESCENT** x **WILSON**; int. 1890. Berry medium to large, round-conic, bright crimson; flesh medium red, firm, acid, good; runners few. Medium early to midseason. Has been a standard variety in its season; used largely to pollinate **CRESCENT** and **HAVERLAND**.

LOWER (S) (Lomer)—Orig. about 1878, Byron Lower, Mt. Pleasant, Mich.; int. about 1885. Berry large, round-conic, dark crimson, medium firm, good; runners numerous. Midseason.

***LUCAS** (S)—Orig. 1898, W. S. Todd, Greenwood, Del.; chance seedling; int. 1903. Berry medium, round-conic to wedge-shape, dark crimson; flesh medium red, medium firm, acid, fair; runners moderate. Midseason. The **LUCAS** orig. 1858 by M. de Jonghe, Brussels, Belgium, was tested here about 1867.

***LUCETTA** (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **BUBACH**; int. 1913. Berry large, roundish to wedge-shape, dark scarlet; flesh medium red, firm, sub-acid, fair. Medium early.

LUCKHURST (S)—Orig. N. Y.; int. about 1874. Berry large, round-conic, dark crimson, firm, good. Midseason.

LUCY (S)—Listed in Maas., 1897. Berry large, round-conic, crimson, soft, good. Midseason.

LUCY FITCH PROLIFIC (P)—Orig. 1850, Mrs. Lucy Fitch, Monroe, Mich.; int. about 1855. Berry medium, light scarlet, good. Late.

LULU—Orig. R. L. Cloud, Independence, La., **CRESCENT** x **HOFFMAN**; int. 1894.

***LUNSHIRE**—Listed in Ore., 1903. Berry large, crimson, medium firm, good. Late.

LUSCIOUS SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, dark scarlet, good.

Luther—See **AUGUST LUTHER**.

LUXURIANT—Orig. E. W. Durand, Irvington, N. J.; int. about 1868. Berry large, roundish, light scarlet, sweet, poor.

***LUXURY** (S)—Orig. E. H. Riehl, N. Alton, Ill., **BRANDYWINE x WILLIAMS**; int. 1901. Berry medium, irregular wedge-conic, dark crimson; flesh dark red, firm, sub-acid, very good to best; runners few. Midseason.

LYDIA (S)—Orig. E. W. Cone, Menomine, Wis.; int. about 1893.

***LYON** (P) (President Lyon)—Orig. 1896, L. W. Hardy, Grand Rapids, Mich., seedling of **RUBACH**; int. 1901. Berry medium, long-conic, dark crimson; flesh medium red, firm, sub-acid, good; runners moderate. Medium early.

LYON'S SEEDLING (S)—Listed in N. Y., 1890. Berry large, dark scarlet, firm. Midseason to late.

***McALPIN** (Housman; Hausman) (S)—Orig. 1910, Newark, N. J.; int. 1914. Berry large, irregular, roundish, scarlet, firm; flesh light red, acid, good; runners numerous. Medium early.

McAVOY'S EXTRA RED (P)—Orig. 1848, D. McAvoy, a tenant of Nicholas Longworth, Cincinnati, Ohio, seedling of **IOWA** (of Cincinnati); int. 1851. Berry large, irregular*flattened, necked, dark scarlet, soft, very acid, fair. Late. Did not achieve prominence.

McAVOY'S SUPERIOR (P) (Buffalo Seedling; General McLellan)—Orig 1848, D. McAvoy, a tenant of Nicholas Longworth, Cincinnati, Ohio, from seed furnished by him of **HOVEY**, **KEENS' SEEDLING**, and **TAYLOR'S SEEDLING** impregnated with **SWAINSTONE** (an English variety); int. 1851. Berry large irregular-roundish, often flattened and necked, crimson; flesh dark red, soft, briak sub-acid, very good; runners moderate. Midseason. In 1851 awarded the prize of \$100 offered by the Cincinnati Hort. Soc. for "the best new American strawberry." Widely grown 1855-60.

***McDONALD**—Listed in S. C., 1913. Early.

***McFARLAND'S SEEDLING** (S)—Listed in Mass., 1904. Berry large, long, dark scarlet; flesh light red, firm, fair; runners numerous. Midseason.

***MACGOWAN**—Listed in Ont., 1906.

McKENSIE—Listed in Mo., 1884. Berry medium, very good.

***McKINLEY** (S)—Orig. W. J. Moyle, Union Grove, Wis.; int. 1896. Berry large, irregular round-conic to long-conic, dark crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Resembles the **NEW YORK** type of berries.

McMahon—Listed in 1876 and 1881. Probabaly refers to **MAJOR McMAHON**, a French variety.

***McNEIL** (P)—Orig. Crystel Springs, Miss., seedling of **HOFFMAN**; int. about 1890. Berry large, roundish to oblong, crimson; flesh medium red, firm, good; runners moderate. Late.

McQUEEN—Int. about 1900.

MACY'S SEEDLING (S)—Listed in 1861. Berry large, scarlet, soft, acid. Early.

***MADISON**—Listed in Minn., 1909.

MAGGIE (S)—Orig. 1878, Chaa. Arnold, Paria, Ont., a seedling of an unnamed seedling produced from **WILSON x NICAISE**; int. 1881. Berry medium, round-conic to wedge-conic, light scarlet; flesh medium red, medium firm, sub-acid, good; runners few. Midseason.

***MAGGIE WATTS** (P)—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry medium, crimson, firm; runners moderate.

***MAGIC** (Magic Gem) (S)—Orig. Edward Vance, Idaho; int. 1916. Berry large, round-conic, dark crimson; flesh firm, mild sub-acid. Midseason.

MAGNATE (of Prince) (P) (Scarlet Magnate)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry roundish, flattened, bright scarlet; flesh light red, soft, sub-acid, fair, runners numerous.

MAGNATE (of Stayman) (P)—Orig. James Stayman, Leavenworth, Kan., seedling of **WARTFIELD**; int. about 1892. Berry medium, long-conic, bright scarlet; flesh light red, firm, good; runners moderate. Midseason.

***MAGNOLIA**—Listed in 1909. Berry medium, light crimson; flesh light red, sub-acid, good. Midseason.

MAGNIFICENT (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, light acarlet, good.

MAGNIFIQUE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, orange-scarlet.

MAGNUM BONUM—Orig. W. H. Read, Port Dalhousie, Ont., **LADIES' PINE x JUCUNDA**; int. about 1883. Resembled **JUCUNDA**.

***MAGNUS** (P)—Orig. 1899, N. Y. State Exp. Sta., **HUNN** x **MARSHALL**; int. 1908. Berry medium large, round-conic, dark crimson, color variable; flesh light red, firm, mild sub-acid, very good; runners numerous. Midseason.

***MAGOON** (S)—Orig. W. J. Magoon, Portland, Ore., chance seedling; int. 1894. Berry medium to large, irregular round-conic, dark crimson; flesh dark red, medium firm, mild sub-acid, very good; runners moderate. Midseason to late. The leading variety for home use and near market in western Oregon; too soft for long shipment, and only fair for canning. Commonly bears more or less of a fall crop. Very luxuriant grower, making immense stools. Eight quarts have been picked from a single plant. Fruit stems weak. Needs deep, moist soil.

Maid—See **SOMERSET**.

MAIDA (S)—Orig. Wm. King, Carlin, Va.; int. about 1897, U. S. Dept. of Agr. Berry large, conic, bright crimson; flesh light red, soft, sub-acid, good; runners few. Late.

MAID OF THE LAKE—Listed in Mo., 1869. Berry large, sweet.

Major Stoessel—See **STOESSEL**.

Mslinda—See **MELINDA**.

MALVINA (P)—Orig. W. R. Prince, Flushing, N. Y., seedling of **HOVEY**; int. about 1855. Berry medium, obconic, dark crimson, firm, good. Early.

MAMIE WAEFIELD (P)—Orig. W. W. Sewell, Carthage, Mo.; int. about 1897. Berry medium, round-conic, light scarlet, soft, poor. Medium early.

MAMMOTH (S) (Mammoth Seedling; Mammoth Beauty, of some)—Orig. Wm. Davis, Mt. Ephraim, N. J.; int. 1885. Berry medium to large, irregular round-conic, necked, crimson; flesh dark red, medium firm, fair; runners moderate. Midseason.

Mammoth—See **BOYDEN'S MAMMOTH**; **CAMP**; **IAWA MAMMOTH**; **KANSAS MAMMOTH**; **OHIO MAMMOTH**; **SOUTHERN MAMMOTH**. **WYATT'S MAMMOTH**, an English variety, has been tested here.

***MAMMOTH BEAUTY** (P) (Mammoth, of some)—Orig. Mass.; int. 1908. Berry medium to very large, irregular long-conic, often coxcombed and necked, bright crimson; flesh medium red, medium firm, mild sub-acid, good; runners few. Very similar to if not identical with **HAVEELAND**.

MAMMOTH BUSH (S)—Orig. A. J. Caywood & Son, Marlboro, N. Y.; int. about 1879. Berry medium to large, round-conic to coxcombed, light scarlet, medium firm, sub-acid, poor; runners few.

Mammoth Cluster—See **CLUSTER**.

Mammoth Clip or Improved Klondike—See **KLONDIKE**.

MANCHESTER (P)—Orig. about 1871, Jesse Battey, Manchester, N. J., chance seedling; int. 1881. Berry medium to large, round-conic, light scarlet; flesh light red, medium firm, acid, good; runners numerous. Late. A valued commercial sort about 1886.

***MANHATTAN** (S)—Orig. 1907, J. E. Kuhns, Cliffwood, N. Y., chance seedling; int. 1910. Berry medium to large, irregular wedge-conic, dull light crimson; flesh medium red, firm, sub-acid, fair; runners few. Medium late.

MANITOBA WONDER (S)—A variety of the wild strawberry of Manitoba, cultivated there about 1896.

***MANOKIN** (P)—Orig. 1895, O. A. Johnson, Manokin, Md., **CRESCENT** x **SHARPLESS**; int. 1900. Berry medium, round-conic to wedge-shape, bright crimson; flesh medium red, medium firm, acid, fair; runners numerous. Midseason.

MANWELL (S)—Orig. Allen D. Manwell, Vinton, Iowa, supposed **CRESCENT** x **SHARPLESS**; int. about 1895. Berry medium to large irregular round-conic, crimson; flesh medium red, firm, acid, fair; runners few. Midseason.

Mapinus—Erroneous for **MAXIMUS**.

***MAPLE** (S) (Maple's Early)—Int. about 1913. Berry medium, conic, often necked; flesh whitish, soft, sub-acid, fair; runners numerous. Early.

MAPLE BANK (P)—Orig. E. B. Stevenson, Lowville, Ont., supposed **CRESCENT** x **WILSON**; int. about 1892. Berry medium to large, round-conic, dark crimson; flesh dark red, firm, good; runners numerous. Midseason to late.

MAPLE CITY (S)—Orig. Boswell Fox, Winchester, Ky.; int. about 1893. Resembled **MOUNT VERNON**.

***MARCONI** (P)—Orig. 1900, K. Smith, Bridgeman, Mich., **WAEFIELD** x **ENHANCE**; int. 1904. Berry medium, round-conic, obtuse, dark crimson; flesh dark red, acid, good. Midseason.

***MARGARET** (of Beavers) (S) (Marguerite, of some)—Orig. 1891, J. F. Beaver, Dayton, Ohio, seedling of **CRAWFORD**; int. 1896. Berry large, conic, dark crimson; flesh medium red, firm, mild sub-acid, very good; runners moderate. Medium late. Confused with **MAEGUEBITE**. Prized for amateur culture and for exhibition; under high culture it produces very large berries of superior quality.

MARGARET (of Crawford) (P)—Orig. Matthew Crawford, Cuyahoga Falls, Ohio; int. 1873. Berry large, round-conic, very dark crimson; flesh dark red, sub-acid, good. Midseason.

***MARGUEBITE** (P) (Margaret, of some)—Orig. 1893, J. C. Grossman, Wsclottsville, Ls Grsng county, Ind., chance seedling, supposed **JEWEL** x **JESSIE**; int. about 1898. Berry large, irregular round-conic, bright scarlet; flesh whitish, soft, good; runners numerous. Midseason. Confused with **MARGARET**. The **MARGUERITE** which orig. in France, in 1858, has been tried here somewhat. It was stamineate, long-conic, bright scarlet, poor.

***MARIANA** (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **BUBACH**; int. 1913. Berry large, roundish to wedge-shape, dark scarlet; flesh medium red, medium firm, sub-acid, good; runners moderate. Midseason to late.

***MARIE** (P) (Maria)—Orig. 1892, D. J. Miller, Millersburg, Ohio, **CRESCENT** x **CUMBLELAND TRIUMPH**; int. 1901. Berry medium to large, round-conic, scarlet; flesh light red, medium firm, acid, fair; runners few. Midseason.

Marie—See **GRAND MARIE**.

Mariendan—Erroneous for **MEEIDIAN**.

MAEIETTA (S)—Int. about 1896. Berry medium, conic, light scarlet, firm, good. Midseason. **MARIPOSA**—Orig. S. L. Watkins, Grizzly Flats, Calif.; int. about 1907.

MARK (S)—Orig. Mark T. Thompson, Cleveland, Ohio; (later of Rio Vista, Va.), seedling of **SHAEFLESS**; int. about 1889. Berry medium, round-conic, light crimson; flesh light red, medium firm, fair; runners moderate. Midseason. Distinct from **MARK HANNA** and **MRS. MARK HANNA**, orig. by same man.

***MARK HANNA** (P)—Orig. 1898, Mark T. Thompson, Rio Vista, Va., seedling of **BUBACH**; int. 1898. Berry large, irregular round-conic to wedge-conic, light crimson; flesh medium red, medium firm, sub-acid, fair; runners few. Medium early. See also **MES. MARK HANNA**.

***MARK JOHNSON** (S)—Listed in Tex., 1904. Berry medium to large, irregular conic, scarlet, very good; runners numerous. Midseason.

***MARSDEN PERRY** (S)—Orig. Wm. Perry, Cool Spring, Del.; int. 1904. Berry medium, conic, crimson; flesh medium red, sub-acid, fair; runners few. Midseason.

***MARSHALL** (S) (Henry)—Orig. 1890, as a chance seedling by Marshall F. Ewell, Marshfield Hills, Mass.; int. 1893. Plant large, erect; leaf stalks thick, long; leaflets large, medium green, irregularly toothed; runners moderate; fruit stalks of medium length, stiff, usually double; berry large, round-conic, often furrowed, dark crimson; calyx of medium size, slightly discolored, somewhat depressed, easily detached; seeds rather large, slightly protruding; flesh dark red, firm, juicy; core pink, partly hollow; flavor mild sub-acid; quality very good. Midseason. A standard variety for home use, forcing and intensive field culture for a special market. It requires high culture and a rich heavy soil; it fails completely on poor and sandy soils. **MAESHALL** is a favorite sort among market gardeners who practice hill culture and manure heavily. It is a prominent exhibition variety on account of its large size, beauty and high quality, but it is not very productive, rather tender in bloom and rusts badly unless sprayed. It is pre-eminently an amateur and special purpose variety.

MARSTON (P)—Orig. Mass.; int. 1894. Berry small to medium, irregular round-conic, light crimson; flesh light red, medium firm, acid, poor; runners numerous. Early.

MARTHA (of Loudon)—Orig. 1885, F. W. Loudon, Janesville, Wis., seedling of **WILSON**. Not generally disseminated.

MARTHA (of Lyons) (P)—Orig. Wm. Lyons, Minneapolis, Minn., from mixed seed of **CUMBERLAND**, **WILSON**, and **DOWNER'S PROLIFIC**; int. 1891. Berry medium, round-conic, dark crimson; flesh dark red, medium firm, good; runners numerous. Midseason.

Martha—Syn. of **PHOTO**.

Martha Crwfrod—Corruption of **MATTHEW CRAWFORD**.

***MARTIN** (P) (Martin's New Queen)—Liated in Ohio, 1907. Berry medium to large, long-conic to wedge-shape, bright crimson; flesh medium red, medium firm, good.

MARVEL (S)—Orig. Ohio; int. about 1890. Berry large, round-conic, dark crimson, soft, sub-acid, fair. Midseason.

MARVIN (S)—Orig. 1874, Harry Marvin, Ovid, Mich., supposed **WILSON** x **JUCUNDA**; int. 1879. Berry large, round-conic, dark crimson, firm, very good; runners moderate. Very late.

***MARY** (of Alley) (P)—Orig. H. H. Alley, Hilton, N. J., seedling of **WINDSOR**; int. 1894. Berry large to very large, irregular, often coxcombed, dark crimson; flesh dark red, firm, acid, fair; runners few. Has been valued for fancy trade.

***MARY** (of Ivina; Mary E.)—Orig. G. A. Ivins, Iowa Falls, Iowa, seedling of **BUBACH**; liated in 1903.

MARY FLETCHER (S)—Orig. about 1874, Chas. E. Brown, Yarmouth, Nova Scotia; int. about 1876. Berry medium, very good, tender.

***MARYLAND** (S)—Listed in 1911. Berry large, irregular round-conic, bright scarlet; flesh light red, medium firm. Medium early.

***MARYLAND PEIZE** (P)—Said to have orig. 1908, Mr. Bell, Towsou, Md., chance seedling; int. 1911. Berry large, conic, crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason.

MARYLANDICA (S) (Marylander)—Orig. 1850, Thos. Edmondson, Baltimore, Md.; int. 1857. Berry large, dark crimson, firm, good; runners numerous.

MARY STEWART (P)—Orig. La.; int. Samuel Miller, Bluffton, Mo., 1873. Berry soft, good. Late.

MARY WHITE—Orig. 1867, Matthew Crawford, Cuyahoga Falls, Ohio, from mixed seed, probably seedling of **LENNIG**; int. 1876. Berry medium, round-conic, white, slightly tinged with pink; flesh white, soft, sweet, excellent. Midseason.

***MASCOT** (S) (Farmer's Mascot)—Orig. T. M. Hauhsch, Warrenton, Va.; int. 1908. Berry large, round-conic, dull scarlet; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Late to very late. A spurious sort, which is early, has been disseminated under this name.

***MASSEY**—Listed in 1916.

***MASTODON** (P) (Salzer's Late Mastodon)—Orig. James Lippincott, Mt. Holly, N. J.; int. 1895. Berry large, round-conic, bright crimson; flesh light red, medium firm, acid, good; runners numerous. Late.

MATILDA (S)—Orig. O. J. Tillson, Highland, N. Y., supposed seedling of **TRIOMPHE**; int. 1870. Berry large, conic, scarlet; flesh light red, medium firm, acid, very good; runners numerous. Early to midseason.

***MATTHEW CRAWFORD** (S)—Orig. about 1900, J. R. Peck, Breckenridge, Mo.; int. 1908. Berry large, conic to wedge-conic, light scarlet; flesh whitish, medium firm, mild sub-acid, fair; runners moderate. Late.

***MATTHEWS**—Listed in 1916.

Mattie Warfield—Erroneous for **HATTIE WARFIELD**.

MAUD MILLEE—Orig. Samuel Miller, Bluffton, Mo.; int. 1873.

***MAUD MULLEE** (S)—Seedling of **EXCELSIOR** (of Hubach); int. by E. W. Townsend & Co., Salisbury, Md., 1912. Berry medium, irregular-conic, crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Early.

MAUMEE (S)—Orig. James Stayman, Leavenworth, Kan.; int. about 1892. Berry large, long-conic, bright scarlet, soft, fair; runners numerous. Medium early.

Maximillian—See **MEXICAN EVERBEARING**.

***MAX** (S)—Listed in 1914. Berry large, roundish, bright crimson, good.

***MAXIMUS** (S) (Corsican; Big Berry; Armstrong's Favorite; German Seedling)—Said to have orig. in Germany, and grown for several years near Rochester, N. Y., before introduced; int. 1897 as **MAXIMUS**, the plants being secured from Mr. Armstrong, Charlotte, N. Y., who later disseminated it as Armstrong's Favorite. It was subsequently disseminated as Big Berry and Corsican. Berry medium to large, irregular round-conic to wedge-shape, light crimson, color very variable; flesh light red, medium firm, mild sub-acid, good; runners numerous. Midseason. Strongly resembles the **NEW YORK** group of varieties, such as **UNCLE JIM**, **HUMMEE**, **ROOSEVELT** (of Cuthoit), **BYCKMAN**, **OSWEGO**, **MICHIGAN**

PRIDE (of Kellogg), **MORGAN**, and **NEW YORK**. Thought by some to be identical with **BONANZA**.

MAXWELL (S)—Int. 1893. Berry medium or below, round-conic, dark crimson; flesh dark red, firm, good; runners moderate.

***MAYFLOWER** (S)—Orig. Chas. Waldron, Manchester, Ohio; int. about 1884. Berry medium, conic, bright scarlet; flesh light red, medium firm, acid, fair; runners numerous. Very early. Resembles **MICHEL**.

MAY KING (S)—Orig. Thos. G. Zane, Chew's Landing, N. J., seedling of **CRESCENT**; int. about 1885. Berry medium, round-conic, bright scarlet; flesh light red, firm, sub-acid, very good; runners numerous. Early.

MAYNARD (S)—Orig. about 1903, Sampson county, Ark., listed 1900. Berry large, round-conic, dark crimson; flesh medium red, mild sub-acid, good. Midseason.

***MAYNE**—Orig. E. H. Riehl, N. Alton, Ill.; listed in 1910 as an "everbearerer."

MAY QUEEN (P)—Int. about 1859. Berry medium, light scarlet, firm, acid. Late. Distinct from the **MAY QUEEN** orig. by Nicholson, England, which is very early; teated hers about 1860.

MAYTROT (S) (Mytrott)—Int. about 1894. Berry medium, round-conic, crimson, medium firm, mild sub-acid, fair; runners numerous. Midseason.

***MEAD** (S) (Meade)—Orig. about 1896, H. O. Mead, Lunenburg, Mass., parentage unknown; int. 1904. Berry medium to large, round-conic, obtuse, dark crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Midseason.

Meads—See **GENERAL MEADE**.

MEAD'S SEEDLING (P)—Orig. about 1858, Peter B. Mead, Tenafly, N. J., "a cross between the pine and scarlet"; int. about 1864. Berry medium, long-conic, necked, light scarlet; flesh whitish, medium firm, sweet, fair. Midseason.

***MEEK** (S) (Harmon; Meek's Early; Meech Early, erroneously)—Orig. James Meek, Anne Arundel county, Md.; int. about 1891. Berry small to medium, round-conic, very dark crimson; flesh dark red, firm, sub-acid, good; runners numerous. Very early. Too small.

***MEGGANSETT** (S) (Megansett Dew Drop)—Listed in Mass., 1904. Berry large, long-conic, scarlet; flesh whitish, medium firm, mild sub-acid, fair; runners numerous. Early to midseason.

***MEIGS** (S)—Listed in Ohio, 1910. Berry large, irregular, light scarlet, mild sub-acid, poor. Midseason.

MELANCTHON—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, crimson, good.

MELANIE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, conic, scarlet, good.

***MELE** (P) (corrupted to Meals and Marle)—Orig. A. H. Grissa, Lawrence, Kan., seedling of **CRESCENT**; int. 1894. Berry medium to large, round-conic, scarlet; flesh whitish, soft, acid, good; runners moderate. Medium early.

***MELINDA** (of Waters) (S) (Linda; Malinda)—Orig. James Waters, Watsonville, Calif.; int. about 1894. Berry medium, round-conic, dark crimson; flesh dark red, medium firm, mild sub-acid, very good; runners moderate. Midseason. The dominant variety in the Watsonville district, and in the Florin district, Calif.; but usually sold as "Longworth." Believed by some to be **DOLLAR** re-named.

MELINDA (of Prince) (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obovate, scarlet, good. Early.

***MELLIE HUBACH** (P)—Orig. Louis Hubach, Judsonia, Ark., **WARFIELD** x **THOMPSON**; int. 1903. Berry medium or below, long-conic, necked, light crimson; flesh medium red, firm, acid, fair; runners numerous. Medium early.

***MELTON** (S)—Orig. Ont.; listed 1909.

MEMPHIS (P) (Memphis Late)—Orig. Tenn.; int. before 1882. Berry medium, conic, very dark crimson, firm, mild sub-acid, very good. Very late.

***MEMPHIS** (P) (Memphis Seedling)—Orig. about 1895, S. S. Howell, Knoxville, Tenn. Berry small to medium, round-conic, light scarlet; flesh light red, medium firm, sub-acid, good. Midseason.

MERIDIAN (P) (Mariedau; Maridian)—Orig. James Stayman, Leavenworth, Kan.; int. about 1893. Berry medium, round-conic, light crimson; flesh light red, medium firm, fair; runners numerous. Midseason.

Merle—Corruption of **MELE**.

MERRICK'S SEEDLING—Listed in Mass., 1871.

METCALF'S EARLY (S)—Orig. Niles, Mich.; int. about 1867. Berry small, roundish to oval, light scarlet, soft, mild sub-acid, good; runners numerous. Early. Once popular in Michigan.

***METEOR** (P)—Orig. Chas. Lunt, Mass.; int. about 1907. Berry medium to large, round-conic, dark scarlet; flesh light red, medium firm, sub-acid, fair; runners numerous. Late.

METHVEN SCARLET (P) (Methven Castle; Warren's Seedling)—Orig. 1815, Thos. Bishop, Perthshire, Eng., seedling of **HUDSON'S BAY**; int. here about 1825. Berry large, round-conic to coxcombed, dull scarlet; flesh light red, soft, poor; runners numerous. Medium late. Widely cultivated 1820-35. Rather insipid, but large and showy.

Mexican—Syn. of **ARIZONA**.

Mexican Everbearing, or **Maximillian Prolific**—Said to have been discovered by a Mr. Mack near Jalapa, Mexico; int. 1867. Henry Gilman, of Detroit, Mich., took it to Buffalo, N. Y., and the Society of Natural Sciences of that place decided it was a new species, naming it **F. Gilmani**, in his honor. It was int. with great acclaim as an "everbearer," at \$8.00 per dozen. It proved not to differ materially from the old **Monthly Red Alpine**, and was worthless in most places. This form is still common in some parts of Mexico, and is truly everbearing there.

MEYER'S PEOLIFIC—Listed in Ind., 1904, as "an old variety, following **WILSON**."

MIAMI (P)—Orig. 1880, J. D. Kruschke, Piqua, Miami county, Ohio; seedling of **BIG BOB**; int. 1889. Berry large, round-conic, with slight neck, light crimson, medium firm, good; runners very numerous. Late.

***MICHEL** (S) (Michel's Early; Mitchell's Early; Osceola; Ella; Young's Early; Sunrise)—Orig. 1886, George Michel (pronounced Mike-el) of Judsonia, Ark.; int. 1889. The originator says, "It was one of a number of seedling that came up near a packing shed in White county, Ark., where a lot of pulp had been thrown the previous year. Probably a seedling of **CRESCENT**, which it greatly resembles, but is eight to ten days earlier." Plant small, spreading; leaves small, light green; runners very numerous; fruit stems short, weak; berry medium or below round-conic, sometimes slightly necked, dull light scarlet; calyx large, adherent; seeds inconspicuous, even with the surface; flesh light red, medium firm; core white, acid; flavor acid; quality fair. Very early. **MICHEL** has been a prominent shipping variety especially in the South. It was largely used to pollinate **BUBACH**. The plants are not very productive, the blossoms are rather tender and the berries are decidedly sour; but the variety is more drought resistant than the **THOMPSON**. It is a rampant grower; the plants must be thinned to secure fruit of good size. It has been a profitable extra early sort, but is now little planted.

MICHIGAN (of Hathaway) (S) (Michigan Seedling)—Orig. B. Hathaway, Little Prairie Ronde, Mich., from a pistillate seedling of **OLD SCARLET** x **BURR'S SEEDLING**; int. about 1858. Berry medium, round-conic to coxcombed, light scarlet; flesh whitish, soft, acid, good; runners moderate. Midseason to late. Widely planted 1865-75.

MICHIGAN (of Engle) (S)—Orig. 1889, C. Engle, Paw Paw, Mich.; int. 1891. Berry large, irregular round-conic, bright crimson; flesh medium red, firm, good; runners moderate. Very late.

***MICHIGAN EARLY**—Listed in 1910. Berry large, round-conic, crimson; flesh light red, sub-acid, good. Midseason.

***MICHIGAN PRIDE** (of Weinheimer) (S) (Pride of Michigan)—Orig. about 1900, Peter Weinheimer, Bridgeman, Mich., chance seedling; int. 1906. Berry large, oblong to roundish-conic, bright crimson; flesh medium red, firm, sub-acid, good; runners numerous. Medium early. Makes a small plant, with light green foliage; **MICHIGAN PRIDE** (of Kellogg) makes a very large plant, with thick heavy foliage.

***MICHIGAN PRIDE** (of Kellogg) (S) (Pride of Michigan)—Orig. 1902, R. M. Kellogg Co., Three Rivers, Mich.; int. 1905. Berry large, irregular wedge-conic to long-oval, scarlet; flesh light red, medium firm, mild sub-acid, good; runners moderate. Midseason. Practically indistinguishable from **NEW YORK**, and several other similar varieties.

MIDDLEFIELD (P)—Orig. P. M. Augur & Sons, Middlefield, Conn.; int. 1890. Berry medium to large, round-conic, bright crimson; flesh light red, soft, acid, very good; runners moderate. Medium late.

***MIDDLETON** (Middleton's Early)—Listed in Fla., 1902.

***MIDNIGHT** (S) (11:59 P. M.)—**HAVERLAND** x **PARKER EARLE**; int. J. H. Hale, S. Glastonbury, Conn., 1901. Berry large, irregular round-conic, light crimson; flesh light red, firm, sub-acid, good; runners moderate. Medium late.

***MIDSEASON**—Listed in 1912. Berry medium to large, round-conic, dark crimson; flesh medium red, mild sub-acid, fair. Midseason.

MIDSUMMER (S)—Listed in S. C., 1900. Berry medium, long-conic, acute, firm, fair. Late.

***MILLER** (S) (Dewey, of some)—Orig. 1893, D. J. Miller, Millersburg, Ohio; int. 1900. Berry medium to large, round-conic, light crimson; flesh whitish; medium firm, mild sub-acid, very good; runners moderate. Midseason to late.

MILLER—Orig. La.; listed in 1890.

MILLER—See **EARLY MILLER**; **MRS. MILLER**.

MILLER'S PROLIFIC (S)—Orig. J. B. Miller, Anna, Ill.; int. about 1890. Berry small, round-conic, light crimson, soft, fair. Late.

***MILLIONAIRE** (P to semi-S)—Orig. 1902, Henry Jerolaman, Hilton, N. J., **MARY** (of Alley) x **HILTON**; int. 1906. Berry large, round-conic, shape variable, scarlet; flesh medium red, firm, sub-acid, good; runners moderate. Medium late.

***MILLS** (Mills' Early Hardy Prolific)—Int. 1914. Berry large, round-conic, light crimson; runners numerous. Early to midseason.

MILTON (S)—Int. about 1897. Berry medium, long-conic, dull dark crimson, firm, very good. Medium early.

Mina—Erroneous for **NINA**.

MINEOLA (S)—Orig. about 1885, N. Hallock, Creedmore, N. Y.; int. 1888. Berry medium, irregular round-conic, necked, dark scarlet; flesh light red, soft, good; runners numerous. Late. Hulls very adhesive; core hard.

MINER'S PROLIFIC (S) (Miner's Great Prolific; Jockey Cap)—Orig. T. B. Miner, Linden, N. J.; int. 1877. Berry medium to large, round-conic, dark crimson; flesh medium red, medium firm, brisk sub-acid, good; runners numerous. A popular commercial sort for near markets, 1880-95; too soft for distant shipment. Commonly used to pollinate **CRESCENT**.

MINERVA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, dark scarlet, firm, good.

***MINNESOTA PRIDE** (S) (Pride of Minnesota)—Orig. Minn.; int. 1914. Berry large, round-conic, dark crimson; runners moderate. An "everbearer."

***MINNETONKA** (S)—Orig. 1904, Minn., seedling of **SPLENDID** x either **BEDER WOOD** or **LOVETT**; int. 1909. Berry medium, conic to wedge-shape, dark crimson, firm; flesh dark red, mild sub-acid, good; runners numerous. Midseason.

MINNETONKA CHIEF—Orig. Geo. S. Woolsey, Minneapolis, Minn.; int. about 1883. Berry medium, acid, very good; runners numerous. Late.

***MINNIE** (S) (Minnie's Early)—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry small, round-conic, scarlet, medium firm, mild sub-acid, good; runners numerous. Early.

MINNIE ROSS (S)—Listed in Ohio, 1897. Berry medium, round-conic, light scarlet, firm, fair. Midseason.

***MINUTE MAN** (P)—Orig. about 1895, Geo. F. Wheeler, Concord, Mass.; int. 1901. Berry medium to large, round-conic, light crimson; flesh medium red, medium firm, sub-acid, fair; runners few. Medium early.

***MIRANDA** (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **BUBACH**; int. 1913. Berry large, irregular wedge-conic, dark crimson; flesh dark red, firm, brisk sub-acid, good; runners moderate. Medium early.

Miss Boston—See **BOSTON**.

MISSE—Listed in Neb., 1873. Berry soft, good.

***MISSIONARY** (S)—Orig. about 1900, Nathaniel Gohn, Deep Creek, Norfolk county, Va., chance seedling; int. 1906. Berry medium to large, round-conic, dark crimson; flesh dark red, very firm, acid, fair; runners moderate. Early. Very similar to **KLONDIKE**, but rounder and a few days earlier. Rapidly supplanting **KLONDIKE** in Va., N. C., Fla., and other parts of the South.

MISSISSIPPI (Mississippi Beauty)—Orig. S. Wherry, Madison, Miss., seedling of **KLONDIKE**, which it much resembles. Listed in 1908.

MISSISSIPPI VALLEY—Int. about 1885.

***MISSOURI** (S)—Orig. about 1900, Jas. Sons, Jr., Seligman, Mo.; int. 1903. Berry medium, irregular round-conic, dark crimson; flesh dark red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

MISSOURI MAMMOTH (Reed's Missouri Mammoth)—Listed 1881. Resembled **JUCUNDA**.

Mitchell's Early—See **MICHEL**.

Moat's Seedling—See **MOTE'S SEEDLING**.

***MODEL** (S)—Orig. M. S. Hubbell, E. Toledo, Ohio; supposed seedling of **WILLIAM BELT**, from which it is practically indistinguishable; int. 1913. Berry medium, irregular-conic, scarlet; flesh light red, soft, sweet, fair; runners numerous. Midseason.

***MOLENA** (S)—Said to have orig. Calif.; listed in 1912. Berry medium to large, irregular round-conic, dark crimson; flesh medium red, firm, good; runners numerous. Midseason. Possibly same as **MELINDA**.

MOLINE (P)—Orig. C. C. Stone, Moline, Ill.; listed about 1895.

***MOLLIE** (P)—Orig. W. J. Alt, Lancaster, Ohio; int. 1908. Berry large, wedge-conic, light crimson; flesh light red, firm, sweet, good; runners moderate. Midseason to late.

***MONARCH** (S) (Monarch of the West; Viola)—Orig. 1867, Jesse Brady, Plano, Ill., **GREEN PELIFIO** x an unknown English variety; int. 1871. Berry large to very large, round-conic, light scarlet; flesh whitish, soft, mild sub-acid, very good; runners moderate. Medium late. Although the fruit is too soft for distant shipment, of poor color, and the blossoms very sensitive to frost, the large size, handsome, shapely appearance and high quality of this variety have made it a great favorite for home use and near market, especially in the West. Still grown in Calif., Col. and a few other places, notably in Australia.

Monarch—See **OHIO MONARCH**; **SHEPPARD'S MONARCH**. **LAXTON'S MONARCH**, an English variety, has been grown here.

***MONEY MAKER** (S)—Orig. W. Hathaway, Madison, Ohio; int. 1897. Berry large, light crimson, firm. Midseason. Somewhat resembles **GLEN MAYE**.

***MONITOR** (of Russel) (S)—Orig. 1893, Z. T. Russell, Carthage, Mo., supposed **CRESCENT** x **CAPTAIN JACK**; int. 1900. Berry medium to large, roundish to wedge-shape, scarlet; flesh whitish, medium firm, mild sub-acid, good; runners moderate. Midseason.

MONITOR (of Fuller) (S)—Orig. 1859, A. S. Fuller, Ridgewood, N. J., seedling of **PEABODY** **SEEDLING**; int. 1863. Berry large, round-conic, with long neck, bright scarlet, firm, sub-acid, dry, fair.

MONITOR (of Raymond) (S)—Orig. D. B. Raymond, Boardman, Ohio, **WARFIELD** x **JESSIE**; listed in 1898.

Monitor—See **LITTLE MONITOR**.

MONMOUTH (S)—Orig. 1885, N. J., supposed **JERSEY QUEEN** x **GLENDALE**; int. 1887. Berry large, irregular round-conic, light crimson; flesh light red, firm, brisk sub-acid, fair; runners moderate. Early.

***MONROE** (S)—Orig. 1905, Joe A. Morgan, Scottsville, Monroe county, N. Y., supposed **ROUGH BIDEN** x **PARKER EABLE**; int. 1911. Berry large, roundish to round-conic, dark crimson; flesh medium red, firm, sweet, good; runners numerous. Early.

MONO—Orig. S. L. Watkins, Grizzly Flats, Calif.; int. about 1907.

Monroe—See **LILLIE MONROE**.

MONROE SCARLET (P)—Orig. about 1847, Ellwanger & Barry, Rochester, N. Y., **HOVEY** x **DUKE OF KENT'S SCARLET**; int. 1850. Berry large, roundish, with short neck, light scarlet, medium, firm, very good.

Montevideo—See **ROSEBERRY MONTEVIDIO**; **HUNTSMAN'S MONTEVIDIO**.

MONTEVIDIO PINE (S)—Orig. about 1845, W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, "pineapple flavor." Late.

Moonstone—The **JAMES VICK** was first int. under this name.

MORE'S FAVORITE (P)—Orig. C. J. More, Jamestown, N. Y.; int. about 1897. Berry small to medium, roundish, crimson, medium firm, good; runners numerous. Early.

MOORE'S EARLY—Orig. Jacob Moore, Brighton, N. Y., **WILSON** x **TEIOMPHE**; int. about 1866.

MOORE'S PROLIFIC (S) (Moore's Early, of some)—Orig. 1884, Plymouth, Mich.; int. about 1889. Berry medium to large, long-conic to oblong-conic, scarlet, medium firm, sub-acid, good; runners numerous. Medium early.

***MORGAN** (S) (Morgan's Favorite)—Orig. Jos. A. Morgan, Scottsville, N. Y.; said to be **TRIOMPHE** x **SHARPLESS**; int. about 1896. Berry large, irregular conic, dark crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Midseason. Very similar to, if not identical with, **NEW YORK**. There is an English variety of this name, listed here in 1900.

MORGAN'S SEEDLING—Orig. James Morgan, Chicago; int. about 1865.

MORGANSTEOMA—Orig. F. W. Steel, Festus, Mo., **MICHEL** x **SHUSTER**; listed in 1898. Berry medium, round-conic, scarlet; runners moderate. Early. The name is Anglo-Saxon for "Morning Star," but this variety is distinct from **MORNING STAR**.

***MORNING STAR** (S)—Orig. about 1898, Mark T. Thompson, Rio Vista, Va.; int. 1904. Berry medium, round-conic, dark crimson; flesh dark red, firm, mild sub-acid, good; runners moderate. Early.

MORRIS (S)—Listed in Va., 1894.

MORRISANIA SCARLET (S)—Orig. Morrisania, N. Y.; sent to England in 1821, by Dr. Hoesck, N. Y. Berry very small, roundish, dark scarlet; flesh whitish, soft, fair; runners numerous. Early. Differed but slightly from **OLD SCARLET**. One of the first varieties to be offered for sale by nurserymen in North America.

***MORSE** (S)—Orig. Elmer Moody, Geyserville, Calif.; int. 1911. Berry large, dark crimson; flesh dark red, firm, very good; runners numerous. Early.

MOTE'S SEEDLING (P) (Mote's Seedling)—Orig. L. S. Mote, West Milton, Ohio, **HOVEY** x **IOWA** (of Cincinnati); int. about 1852. Berry large, round-conic, bright scarlet; flesh whitish, very good.

MOTTIER'S SEEDLING (P)—Orig. about 1840, Mr. Mottier, Cincinnati, Ohio, seedling of **HUDSON'S BAY**; int. about 1843. Berry medium to large, scarlet, very acid. Resembled **HUDSON'S BAY**.

***MOUNT** (S) (Mount's Seedling; Mount's Early)—Orig. Samuel Mount, Hightstown, N. J., chance seedling; int. about 1907. Berry medium, crimson, medium firm, good; runners moderate. Early.

***MOUNTAIN VIEW** (S)—Orig. Louis Hubsch, Judsonia, Ark.; int. about 1910. Berry medium, roundish, dark crimson, medium firm; flesh dark red, acid, fair; runners moderate. Midseason.

MOUNT JOY (S)—Orig. E. E. Critchfield, Mt. Pleasant, Pa.; int. about 1894. Berry medium to large, firm; runners numerous. Medium late.

MOUNT HOLYOKE (S)—Orig. Mass.; int. about 1890. Berry medium, irregular conic, dark scarlet, medium firm, good; runners numerous. Midseason.

MOUNT VERNON (S) (Kirkwood; Shuckless)—Orig. about 1875, T. Bishop, N. J., seedling of **JUCUNDA**; int. 1880. Berry large, round-conic, scarlet; flesh light red, soft, mild sub-acid, good; runners numerous. Very late. The berry parted readily from the calyx, which remained on the vine when picked; but the core came out also, leaving a cavity in the berry which made it worthless for shipping. Most widely disseminated as **KIRKWOOD**, but first sent out as **MOUNT VERNON**.

***MOUNT VISTA**—Listed in 1909. Berry medium, round-conic, very dark crimson; flesh dark red, sub-acid, good. Late.

MOYAMENSING (P) (Moyamensing Pine)—Orig. Gerard Schmitz, Philadelphia, Pa.; seedling of **HUDSON'S BAY**; int. 1848. Berry medium, round-conic, dark crimson; flesh dark red, medium firm, acid, very good. Midseason. A favorite market sort in N. J. and Pa. about 1855.

Mrs. Cleveland—See **FRANCES CLEVELAND**.

***MRS FISHER** (P) (Mrs. Prof. Fisher)—Orig. J. H. Black, Son & Co., Hightstown, N. J., **BUBACH** x **SHARPLESS**, and this with **BRANDYWINE**; int. 1899. Berry large to very large, wedge-conic, bright scarlet; flesh light red, medium firm, fair; runners numerous. Late.

MRS. GARFIELD (S)—Orig. 1868, Matthew Crawford, Cuyahoga Falls, Ohio, seedling of **SHARPLESS**; int. 1883. Berry medium, round-conic, with short neck, bright crimson; flesh light red, medium firm, sub-acid, fair; runners moderate. Midseason.

MRS. GRANT—A seedling of **LENNIG**; int. 1871.

MRS. McDOWELL (S)—Int. about 1900. Berry medium large, irregular round-conic, light scarlet, soft, sweet, good; runners numerous. Late.

***MRS. MARK HANNA** (S)—Orig. 1898, Mark T. Thompson, Rio Viata, Va.; int. 1902. Berry large, round-conic, ribbed, bright crimson; flesh light red, medium firm, sub-acid, fair; runners numerous. Midseason.

***MES. MILLER** (P)—Orig. 1893, D. J. Miller, Millersburg, Ohio, parentage unknown; int. 1902. Berry medium, irregular long-conic, slight neck, dark crimson; flesh medium red, sub-acid, good; runners few. Midseason.

MES. SHEPARD (S)—Listed in 1892. Berry medium, necked, scarlet; flesh whitish, good.

MULBERRY (Cherokee; King; Mahone)—Probably of English origin, and int. about 1790, although one American writer, in 1835, says it orig. in N. Y. Berry medium, ovate, with short neck, dark crimson; flesh dark red, sweet, sub-acid, good; runners numerous. Midseason. A variety of the "pine" strawberry, extensively cultivated near Boston, 1810-35. Possibly one of the parents of **HOVEY**.

***MULTNOMAH** (S)—Orig. S. L. Otis, Newberg, Ore., **CLARK** x **GOLD DOLLAR**; int. about 1912. Berry medium, round-conic, crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Midseason.

***MUERAY** (of Smith) (S)—Orig. A. M. Smith, St. Catharines, Ont.; int. about 1895. Berry large, irregular wedge-conic, scarlet; flesh medium red, firm, sub-acid, good; runners numerous. Late.

***MUERAY** (of Westbrook) (P) (Murray's Extra Early)—Orig. J. S. Westbrook, Faison, N. C.; int. 1892. Berry medium, irregular roundish, dark crimson; flesh medium red, firm, acid, fair; runners numerous. Early.

***MUSKINGUM** (S) (Kearns)—Orig. about 1886, Grant Kearns, Zanesville, Muskingum county, Ohio; int. 1892. Berry medium to large, round-conic to oblong-conic, bright crimson; flesh medium red, medium firm, acid, fair; runners moderate. Late. Has been a valued late sort. Myatt's Eliza—See **ELIZA**.

***MYER** (P) (Myer's No. 1)—Orig. 1906, Harvey Myer, Bridgerville, Del., parentage unknown; int. 1908. Berry medium, conic, uneven crimson; flesh light red, medium firm, sweet, good; runners moderate. Midseason.

***MYERS** (S)—Orig. B. I. Myers, St. Joseph, Mich.; int. 1910. Berry large, firm; runners numerous. Medium early.

***MYRIAD** (S)—Orig. Louia Hubach, Judaonia, Ark.; int. 1903. Berry medium or below, conic, light crimson; flesh medium red, soft, poor; runners very numerous. Midseason.

***MYRTLE MURRELL** (S)—Orig. 1908, S. S. Murrell, Somerset county, Md., supposed **HOFFMAN** x **HEFLIN**; int. 1918. Berry large, round-conic, crimson; flesh medium red, firm; runners numerous. Early.

MYSTIC (S)—Orig. Ind.; int. about 1892. Berry medium to large, round-conic, scarlet; flesh light red, medium firm, very good; runners numerous. Medium late.

NAN (S)—Int. 1898. Berry medium to large, round-conic, light crimson; flesh medium red, firm, good. Midseason.

***NANTICOKE** (S)—Orig. 1907, S. Barkley, Nanticoke, Wicomico county, Md., chance seedling; int. 1911. Berry medium to large, irregular roundish, dull crimson; flesh light red, firm, sub-acid, poor; runners numerous. Medium early.

NAOMI (of Miller) (S)—Orig. Samuel Miller, Bluffton, Mo.; int. about 1866. Berry medium, roundish-oval, dark scarlet; flesh whitish, soft, sweet, fair.

NAOMI (of Stayman) (P)—Orig. James Stayman, Leavenworth, Kan.; int. about 1894. Berry large, roundish, light crimson; flesh medium red, firm, acid, good; runners few. Midseason.

NAPOLEON III (S)—Orig. Ferdinande Gloede, England; int. about 1860. Berry large, irregular round-conic to coxcombed, light scarlet; flesh whitish, firm, sweet, good; runners moderate. Late. Grown considerably here about 1870. **AUSTIN SHAKER** was sometimes sent out under this name.

***NASH** (S)—Listed in Iowa, 1902. Berry small, irregular-conic, crimson, medium firm, poor; runners moderate. Midseason.

***NAT** (S)—Orig. C. F. Gardner, Osage, Iowa; listed in 1913 as "a new everbearer."

NATHALIE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, light scarlet, good.

NAUVOO (Nauvo)—Orig. 1868, Col. Bradley, Hancock county, Ind., seedling of **JUCUNDA**; int. about 1870. Berry conic, sweet. Midseason.

NECKED PINE (P) (Unique Prairie; Neck Pine)—Orig. Ohio; int. before 1829. Berry medium, ovata to conic, with a distinct neck, light scarlet; flesh whitish, soft, acid, good; runners very numerous. Medium early. Not a "pine," but a variety of *F. virginiana*. Much cultivated in the Mississippi Valley, especially near Cincinnati, 1830-50.

NECTAR—Listed in Ohio, 1890.

NEEDLE'S SEEDLING—Listed in Iowa, 1885.

Neff's Commercial—Syn. of **PRairie Farmer**.

Neff's Ottawa Seedling—Syn. of **OTTAWA**.

NEGRO (S)—Listed in Ohio, 1870. Berry medium, nearly black when ripe, sweet, very good.

***NEHRING** (P) (Nehring's Gem; Gem, of some)—Orig. W. F. Nehring, Strasburg, Ohio; named and described 1890, but not int. to the trade until 1906. Berry medium to large, irregular round-conic to wedge-shape, dark crimson; flesh medium red, firm, sub-acid, good; runners moderate. Midseason.

Nellie—Corruption of **NETTIE**.

***NELLIE GRAY** (S)—Int. 1913. Berry medium to large, acid, completely covered with seeds, making it yellow; leaves resemble orange leaves. Early to midseason. A curiosity only.

NEPTUNE (S)—Orig. Ohio; int. 1890. Berry medium to large, round-conic, necked, crimson; flesh light red, medium firm, good; runners numerous. Midseason.

***NETTIE** (P)—Orig. 1893, J. H. Black, Son & Co., Hightstown, N. J., a **BUBACH** x **YALE** seedling was crossed with **SHARPLESS** and this with **GANDY**; int. 1899. Berry large, irregular round-conic to wedge-shape, scarlet; flesh medium red, medium firm, brisk sub-acid, good; runners moderate. Very late, a little after **GANDY**. Preferred to **GANDY** in some sections.

Never Stop—Syn. of **PROGRESSIVE**.

***NEUNAN** (S) (Neunan's Prolific; Charleton Berry; Noonon; Nunan)—Orig. by a Mr. Neunan, Charleston, S. C.; int. about 1868. Plant tall, with slender leaf stalk and dark green foliage; runners numerous; fruit stalks tall, stout; berry of medium size, roundish to round-conic with a short neck, light crimson; calyx very large, adherent; flesh medium red, very firm; flavor acid; quality fair. Early to midseason. This was the first of the southern varieties to be grown in quantity for northern markets. Between 1870 and 1890, it was a standard commercial sort in Virginia, the Carolinas, Florida and the Gulf States; now it has almost disappeared from cultivation. It ripens unevenly in winter, becoming glossy and sunburned on the upper side while still green on the lower side. It is sour when it first turns red, but becomes rich and agreeable when fully ripe. None of the berries shipped to northern markets, however, were allowed to reach edible condition.

Neunan Improved or Newman Improved—Int. about 1892 by a Florida grower as a seedling of **NEUNAN**, was almost indistinguishable from it.

NEWARK—Listed in La., 1897.

NEWARK PROLIFIC—Listed in 1870. Late.

New Discovery—See **DISCOVERY**.

NEW DOMINION (S)—Orig. 1878, C. N. Biggar, Lundy's Lane, Ont., seedling of **JUCUNDA**; int. 1876. Berry medium to large, round-conic, obtuse, scarlet; flesh light red, medium firm, sub-acid, good; runners numerous. Late. Valued in Canada about 1880.

***NEW EARLY** (S)—Listed in Ohio, 1909. Berry small to medium, roundish, very light scarlet, soft, good; runners very numerous. Very early.

New Globe—See **GLOBE**.

***NEW HOME** (S)—"Of western origin"; int. 1905. Berry medium, round-conic, light crimson; flesh medium red, very firm, sub-acid, fair; runners few. Medium late.

NEW JERSEY SCARLET (S) (New Jersey; Jersey Scarlet)—Orig. E. W. Durand, Irvington, N. J.; int. 1868. Berry medium, conic, with long neck, light scarlet; flesh whitish, medium firm, mild sub-acid, good; runners numerous. Early. A variety of *F. virginiana*, once popular on the lighter soils of N. J. Practically the same as **OLD SCARLET**.

Newman—Usually refers to **NEUNAN**; sometimes to **CHARLES NEWMAN**.

NEW ROCHELLE—Orig. Mr. Carpenter, New Rochelle, N. Y.; int. about 1879. Poor quality.

***NEW YORK** (S)—Orig. 1890, Martha Yates Tanner, Slaterville Springs, N. Y., seedling of **BUBACH** which was open to pollination by **JESSIE**; int. 1898. Berry large, irregular

wedge-conic, crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Midseason. The following varieties, most of which seem to be of authentic independant origin, so closely resemble **NEW YORK** as to be practicably identical: **HUMMER**, **MICHIGAN PRIDE** (of Kellogg), **MORGAN**, **OSWEGO**, **POCAHONTAS**, **ROOSEVELT** (of Catheoit), **RYCKMAN**. Also practically identical with **MAXIMUS**, and its synonyms, **Corsican**, **Big Berry**, **Armstrong**, and **German Seedling**.

NEW YORK GIANT—Listed in 1899.

***NEW YORK PROLIFIC**—Listed in N. J., 1913. Medium large, firm. Midseason.

NICAISE (S) (Doctor Nicaise)—Orig. about 1861, Doctor Nicaise, France; int. here about 1864, at \$1.00 per plant. Berry very large, irregular, light scarlet; flesh light red, medium firm, poor; runners few. Very late. Had strong everbearing tendency.

NICANOR (S)—Orig. about 1860, Ellwanger & Barry, Rochester, N. Y., **TRIOMPHE** x **WILSON**; int. 1867. Berry medium, round-conic to oval-conic, bright scarlet; flesh medium red, medium firm, sweet, good; runners moderate. Early.

***NICARAGUA** (S)—Orig. 1906, D. C. Tibbs, E. Nashville, Tenn., **HAVERLAND** x either **MICHEL** or **VICTOR WALKER**; int. 1912. Berry large, long-conic, dark crimson; flesh medium red, firm, good. Medium early. Resembles **HAVERLAND**.

NICHOLS—Orig. G. W. Nichols, Summit, N. J.; int. 1870. Berry large, conic, firm, very good.

Nichol's Granville—See **GRANVILLE**.

***NICEL**—Listed in 1909, as "a favorite in the South for northern markets." Berry medium, light scarlet. Very early.

***NICH OHMEE** (S) (Nikoma, erroneously)—Orig. J. F. Beaver, Dayton, Ohio, seedling of **MIDDLEFIELD**; int. 1898. Berry large, round-conic, dark crimson; flesh medium red, firm, mild sub-acid, very good; runners few. Midseason. Requires high culture.

NIGGER (S)—Int. about 1891. Berry small to medium, round-conic, dark crimson; flesh dark red, firm, good; runners moderate. Medium early.

NIGH (P) (Nigh's Superb)—Orig. J. W. Nigh, Piqua, Ohio; int. about 1881. Berry large, long-conic, light scarlet, soft, sweet, good; runners numerous. Resembled **JERSEY QUEEN**.

NILE'S SEEDLING—Orig. Nathaniel Miles, Madison, Wis., **WILSON** x **AGRICULTURIST**; listed in 1869.

***NIMROD** (of Beaver) (S)—Orig. about 1898, J. F. Beaver, Dayton, Ohio; int. 1904. Berry medium, round-conic, light crimson; flesh medium red, firm, acid, good; runners few. Midseason.

NIMROD—Int. about 1861. Berry very large, ovate, light scarlet; flesh light red, firm. Late.

NIM'S SEEDLING (P)—Int. about 1890. Berry medium, irregular round-conic, light crimson, medium firm, poor; runners numerous. Late.

***NINA** (S) (Mins)—Orig. 1891, J. H. Black, Son & Co., Hightstown, N. J., **JERSEY QUEEN** x **CHAS. DOWNING**; int. 1898. Berry medium to large, irregular round-conic, bright scarlet; flesh medium red, medium firm, acid, very good; runners moderate. Midseason. Calyx separates easily.

***NINETY-SIX** (S) (Howard's No. 96)—Orig. 1895, G. W. Howard, Stevensville, Mich., **BARTON** x **GANDY**; int. 1904. Berry large, round-conic, scarlet; flesh light red, medium firm, mild sub-acid, good; runners numerous. Midseason to late.

***NOBLE** (S) (Laxton's Noble)—Orig. 1887, by Laxton, of Bedford, England; int. here about 1890. Berry large, roundish, dark crimson; flesh dark red, medium firm, sweet, very good; runners few. Early. Has been grown somewhat in California and British Columbia.

Noisette—Listed in 1889; probably refers to **HOFFMAN**.

Nola—Listed in Illinois, 1905; probably refers to **NOLAND**.

NOLAND (P)—Orig. J. P. Noland, Peninsula, Ohio; int. about 1896. Berry medium to large, irregular, long-conic, medium firm, good; runners numerous. Midseason.

***NONESUCH** (of Berry) (S)—Orig. 1895, Peter A. Berry, Logansport, Ind., chance seedling, supposed of **SHARPLESS**; int. 1912. Berry medium, irregular wedge-conic, uneven, light crimson with green tips; flesh light red, firm, sub-acid, good; runners numerous. Very late.

NONESUCH—Orig. Fla.; listed 1890. Berry medium, fair.

Nonan Improved—See **NEUNAN**.

***NORMA** (S) (Normal)—Orig. M. H. Ridgeway, Wabash, Ind.; listed 1903. Berry medium to large, round-conic, light crimson, firm, good; runners moderate. Late.

NORMAN (S)—Orig. 1871, Matthew Crawford, Cuyahoga Falls, Ohio; int. 1883. Berry medium to large, irregular, crimson, medium firm, acid, very good. Early.

NORTHERN (S)—Listed in Ont., 1896. Berry small, roundish, light scarlet, firm, good. Early. Possibly same as "Norther's Seedling," listed in Mass., 1897.

Northern—See **GREAT NORTHERN**.

***NORTH SHORE** (S)—Orig. 1898, Wm. H. Monroe, Beverly, Mass., seedling of **BRANDYWINE**; int. 1902. Berry medium, irregular round-conic to wedge-shape, dark crimson; flesh dark red, firm, sub-acid, good; runners few. Midseason.

***NORWOOD** (S)—Orig. 1905, N. B. White, Norwood, Mass., **MAXIMUS** x **MARSHALL**; int. 1908. Berry medium, irregular round-conic to wedge-shape, dark crimson; flesh medium red, firm, mild sub-acid, fair; runners few. Midseason. Very closely resembles **MARSHALL**.

***NOTRE DAME**—Listed in 1914. Berry large, round-conic to coxcombed, light crimson; flesh light red, mild sub-acid, fair. Midseason.

NOVICE—Listed in N. J., 1904.

***OAK** (S) (Oak's Early)—Orig. Wm. Tull, Somerset county, Md., chance seedling; int. 1906. Berry medium or below, long-conic, necked, bright crimson; flesh medium red, firm, acid, fair; runners moderate. Early.

***OAKLAND**—Listed in Ind., 1905, as "New."

OCEANA CHIEF (S) (Gebhardt's Favorite)—Orig. Oceana county, Mich.; int. about 1880. Berry small to medium, round-conic, crimson, medium firm, mild sub-acid. Supposed by some to be **SHIRTZ**; by others to be **BIDWELL**.

OCEAN CITY (S)—Orig. 1887, Berlin, Md., chance seedling; supposed to be **WILSON** x **SHARPLESS**; int. 1896. Berry large, irregular, light crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Midseason.

***OCTAVIA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada. Runners moderate. Listed 1913.

ODESSA (P)—Orig. J. W. Cameron, E. Rochester, Ohio; int. about 1892. Berry large, irregular, bright scarlet; flesh light red, medium firm, fair; runners moderate. Medium late.

***OHIO** (P)—Orig. 1880, Geo. L. Miller, Butler county, Ohio, seedling of **KENTUCKY**; int. 1886. Berry medium, round-conic to wedge-shape, light crimson; flesh light red, firm, acid, good; runners numerous. Late.

***OHIO BOY** (S)—Orig. A. A. Eppert, Amelia, Ohio; int. 1910. Berry large, wedge-shape, scarlet to crimson; flesh light red, firm, sub-acid, fair; runners numerous. Midseason to late.

OHIO CENTENNIAL (P)—Orig. Geo. Townsend, Gordon, Ohio; int. about 1889. Berry large, round-conic to coxcombed, scarlet, medium firm, very good. Medium late.

OHIO MAMMOTH (S)—Orig. John Burr, Columbus, Ohio, **HOVEY** x **BURR'S SEEDLING**; int. 1847. Berry medium, round-conic, light scarlet, sweet, good.

OHIO MONARCH (S)—Orig. Ohio; int. about 1890. Berry large to very large, long-conic, bright crimson; flesh light red, medium firm, good; runners numerous. Midseason.

O. I. C.—Syn. of **EKEY**.

Old Iron Clad—Syn. of **PHELPS**.

OLD JOHN BROWN (S)—Orig. 1859, H. Schroeder, Bloomington, Ill., **WILSON** x "Chilian"; int. 1863. Berry large, round-conic, light crimson, soft, sweet, good. Early.

OLD PINE (S) (Carolina; Pineapple; Grandiflora; Blood Pine)—The original "pine" strawberry. First described and figured in England, 1759, and was widely distributed by that time. Origin in doubt. Berry medium to large, oval-conic, necked, bright scarlet; flesh light red, medium firm, sweet, very good; runners few. Medium late. For many years esteemed above all others for high flavor, and is still grown in England. Grown by amateurs in North America as late as 1858. Required high culture, and very uncertain.

OLD SCARLET (S) (Early Virginia; Scarlet Virginia; Original Scarlet; Early Scarlet; Scarlet Runner)—A slightly improved form of *F. virginiana*. Berry small, roundish to round-conic, light scarlet; flesh whitish, medium firm, sub-acid, good; runners numerous. Early. Int. to Europe about 1625, and widely grown there. Still valued in England and Scotland for preserves. A standard market sort here until about 1845, and grown in considerable quantity in a few localities as late as 1865.

***OLIVE** (of Hall) (S) (Olive's Pride)—Orig. J. W. Hall, Marion, Md., seedling of **CRESCENT**; int. about 1903. Berry medium, wedge-conic, light crimson; flesh medium red, firm, mild sub-acid, good; runners moderate. Midseason.

OLIVE—Listed in 1901. Berry large, dark scarlet, fair.

OLIVER (S)—Orig. Phil Strubler, Naperville, Ill.; int. about 1890. Berry medium, round-conic, dark crimson with green tip; flesh medium red, firm, sub-acid, poor; runners numerous. Midseason to late.

OLIVER GOLDSMITH (S)—Orig. 1874, Wm. Bennison, Delaware, Ohio, **CHARLES DOWNING** x **MONARCH**; int. about 1879. Berry large, round-conic, with long neck, bright crimson, firm, mild sub-acid, good; runners numerous. Midseason.

***OLIVIA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada; runners numerous. Listed 1913.

***OLYMPIA** (S)—Orig. W. M. Gray, Calif.; int. about 1903. Berry medium to large, round-conic, light crimson; flesh light red, firm, acid, fair; runners moderate. Midseason.

***OMEGA** (of Metcalf) (S)—Orig. 1904, A. V. Metcalf, Brunswick, Me., chance seedling; int. about 1908. Berry medium, round-conic, dark crimson; flesh dark red, firm, acid, fair; runners moderate. Midseason.

***OMEGA** (of Girton) (S)—Orig. L. H. Girton, Bristol, Ind., seedling of **CAPTAIN JACK**; int. 1910. Late.

OMEGA (of Apgar) (P)—Orig. Oakley Apgar, Califon, N. J.; int. 1892. Berry large, irregular round-conic to wedge-conic, light crimson; flesh medium red, firm, good; runners numerous. Medium late.

ONA (P)—Orig. F. M. Kilbourns, Minn., **CRESCENT** x **SHARPLESS**; int. about 1894. Berry medium, round-conic, dark scarlet, medium firm, very good. Medium early.

***ONEIDA** (S)—Orig. 1903, Mrs. Isaac Hildreth, Rome, N. Y., seedling of **SHARPLESS**; int. about 1908. Berry medium, round-conic to wedge-shape, crimson; flesh light red, firm, mild sub-acid, fair; runners very numerous. Midseason.

ONONDAGA—Orig. E. Ford & Son, Syracuse, N. Y., **HOVEY** x **VICTORIA**; listed in 1866. Berry large, soft, good.

Ontario; Great Ontario—Int. 1885, R. Johnson, Shortsville, Ontario county, N. Y., who stated he obtained it from Canada several years previous. Identical with **SHARPLESS**.

***ONWARD** (S)—Orig. Samuel Cooper, Delevan, N. Y., **AUTUMN** x **COOPER**; int. 1914. Berry large, roundish, dark crimson, good; runners moderate. An "everbearer."

***OOM PAUL** (S)—Orig. I. S. Palmer, Columbia, N. Y., **JESSIE** x **BUBACH**; int. 1903. Berry large, irregular round-conic to wedge-shape, dark crimson; flesh medium red, firm, mild sub-acid, good; runners moderate. Medium early.

***OPHELIA** (of Ont.) (S)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **WILLIAM BELT**; int. 1913. Berry large, long wedge-shape, necked, bright scarlet; flesh light red, brisk sub-acid, firm, good; runners moderate. Medium late.

OPHELIA (of Prince) (S)—Orig. W. R. Prince, Flushing, N. Y., seedling of **SCARLET MAGNATE**; int. about 1855. Berry medium, roundish, scarlet, firm, good.

Orange—See **HAARLEM ORANGE**.

***ORANGE COUNTY** (P)—Orig. H. S. Timbrell, Unionville, N. Y.; int. about 1893. Berry medium to large, roundish, scarlet; flesh light red, medium firm, sub-acid, good; runners numerous. Midseason.

ORANGE PROLIFIC (P)—Orig. about 1847, Ellwanger & Barry, Rochester, N. Y.; int. 1850. Berry large, roundish, often necked; orange scarlet, medium firm, acid. Late.

***ORANGE QUEEN**—Orig. M. H. Ridgeway, Wabash, Ind.; listed in 1903. Berry medium to large, roundish to wedge-shape, with slight neck, bright orange-scarlet.

***ORCHARD** (P) (Orchard Seedling)—Listed in Ohio, 1907. Berry large, conic to wedge-shape, dark crimson, medium firm, sweet, good. Midseason.

***OREGON** (S) (Oregon Improved; Admiral Dewey, of some; New Oregon; Oregon Everbearing, incorrectly; Oregon Ironclad, incorrectly)—Orig. about 1898, A. F. Hofstadler, near Salem, Ore., **MARSHALL** x **JESSIE**; int. 1902, as Admiral Dewey, later changed to **OREGON**; recently re-introduced as New Oregon. Berry medium to large, roundish to round-conic, dark crimson; flesh medium red, medium firm, mild sub-acid, good; runners numerous. Medium early. Valued for home use and near market in Ore. Confused with **OREGON EVERBEARING** and **OREGON IRONCLAD**.

***OREGON EVERBEARING** (P to semi-S) (Oregon, and Oregon Ironclad, incorrectly)—Orig. 1882, Seth Winquist, Russellville, Ore., chance seedling, supposed of **TEIOMPHE**; int. 1890, as Everbearing. Berry medium, conic, light crimson; flesh light red, medium firm, mild sub-acid, good; runners moderate. In western Ora. it is a true everbearer, ripening fruit all the season if the necessary special cultural practices are given; in most other sections it fails. Distinguished from **OREGON** and **OREGON IRONCLAD** by the direction of the pubescence on the leaf petioles; in **OREGON EVERBEARING** it is appressed and ascending, in the others two varieties it is spreading.

Oregon Gold Dollar—See **GOLD DOLLAR**.

***OREGON IRONCLAD** (S) (Oregon and Oregon Everbearing, incorrectly)—Berry medium, roundish, crimson; flesh light red, medium firm, mild sub-acid, good; runners few. Mid-season.

***OREM** (S)—Orig. J. H. Arndt, Arlington, Md.; int. 1908. Berry very large, round-conic to wedge-conic, dull scarlet with green tip; flesh medium red, firm, briak sub-acid, good; runners numerous. Late.

OREWILER (P)—Orig. Henry Orewilar, Shelby, Ohio; int. about 1896. Berry medium to large, irregular-conic, sometimes necked, light crimson, medium firm, good. Medium late.

ORIENT (S)—Orig. about 1875, Oscar F. Felton, Mechanicsburg, N. J., seedling of **MONARCH**; int. 1878. Berry large, round-conic to coxcombed, light scarlet; flesh whitish, medium firm, acid, good. Medium early.

***ORIOLE** (P)—Orig. 1889, J. W. Kerr, Denton, Md., **BUBACH** x **HOFFMAN**; int. 1896. Berry medium, irregular round-conic, dark crimson; flesh medium red, firm, good; runners moderate. Medium early.

ORONO (P)—Orig. Me.; int. about 1896. Berry medium, round-conic, very dark crimson, firm, good. Late.

***ORPHAN** (P)—Orig. 1904, J. A. Morgan, Scottsville, N. Y., chance seedling; int. about 1912. Berry large, conic to wedge-shape, dull light crimson, color uneven; flesh dark red, medium firm, sub-acid, poor; runners moderate. Late.

***OSCAR** (of Hubach) (S) (Oscar's Early)—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry medium or below, conic, crimson; flesh dark red, medium firm, good; runners numerous. Early.

OSCAR (of Kilbourne) (S)—Orig. F. M. Kilbourne, Minn.; int. about 1894. Berry medium to large, irregular round-conic, crimson, medium firm, good. Late.

Oaceola—Syn. of **MICHEL**.

***OSWEGO** (S)—Orig. Oswego county, N. Y.; said to be **BUBACH** x **SHARPLESS**; int. 1907. Berry medium to large, irregular round-conic, crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Midseason. Very similar to, if not identical with, **NEW YORK** and **UNCLE JIM**.

***OSWEGO QUEEN** (S)—Orig. M. Stevens, Penelville, N. Y.; listed in 1898. Berry large, irregular-conic, crimson, firm, good; runners numerous. Late.

OTSEGO (P) (Ostego)—Orig. J. M. Robinson, Otsego county, N. Y.; int. 1893. Berry medium, roundish, scarlet, medium firm, fair; runners moderate. Midseason.

OTTAWA (of Neff) (S) (Neff's Ottawa Seedling)—Orig. W. D. Neff, Ottawa, Ill., **AGRICULTURIST** x **WILSON**; int. about 1867. Berry large, soft, very good.

OTTAWA (P)—Listed in 1894. Berry medium large, roundish.

OUR CHOICE (P)—Listed in Mass., 1894. Berry large, roundish, scarlet, soft, good. Mid-season.

***OUTLANDER** (P to semi-S)—Orig. A. T. Goldsborough, Washington, D. C., **ROYAL STRAIGHT FLUSH** x **FUJIYAMA**; int. 1906. Berry large, irregular wedge-conic, light crimson; flesh medium red, firm, mild sub-acid, very good; runners few. Late.

***OVERHOLT** (S) (Overholt's Special)—Orig. H. Overholt, Jordon, Ont.; listed 1903. Berry roundish, dark acarlet, good; runners numerous.

OWEN'S ONARGA—Orig. J. W. Owen, Onarga, Ill.; int. about 1868. Berry medium to large, round-conic, bright scarlet; flesh whitish, medium firm, good.

***OZARK** (S) (Early Ozark)—Orig. 1902, Chas. Shull, Sarcoxie, Mo., **EXCELSIOR** (of Hubach) x **AEOMA**; int. 1908. Berry medium to large, round-conic, dark crimson; flesh dark red, firm, sub-acid, very good; runners numerous. Very early. A popular commercial variety; especially valued for canning.

PACIFIC (P)—"Orig. in South"; int. about 1900. Berry medium to large, irregular round-conic, crimson; flesh light red, firm, acid, good; runners numerous. Medium early. Pacific—See **GREAT PACIFIC**.

PAGE'S SEEDLING (Early Page)—Orig. Mass.; int. about 1858. Berry medium, conic, dark crimson, soft, good. Early.

PALATINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, scarlet.

***PALMER (S)** (Palmer's Early)—Orig. 1897, I. S. Palmer, Columbia, N. Y.; int. 1901. Berry medium or below, conic, dull dark crimson; flesh medium red, medium firm, sub-acid, fair; runners moderate. Early.

***PAN-AMERICAN (S)**—Orig. 1898, Samuel Cooper, Delevan, N. Y., said to be a runner-sport from **BISMARCK**; int. 1902. Berry medium, round-conic, obtuse, dull scarlet; flesh light

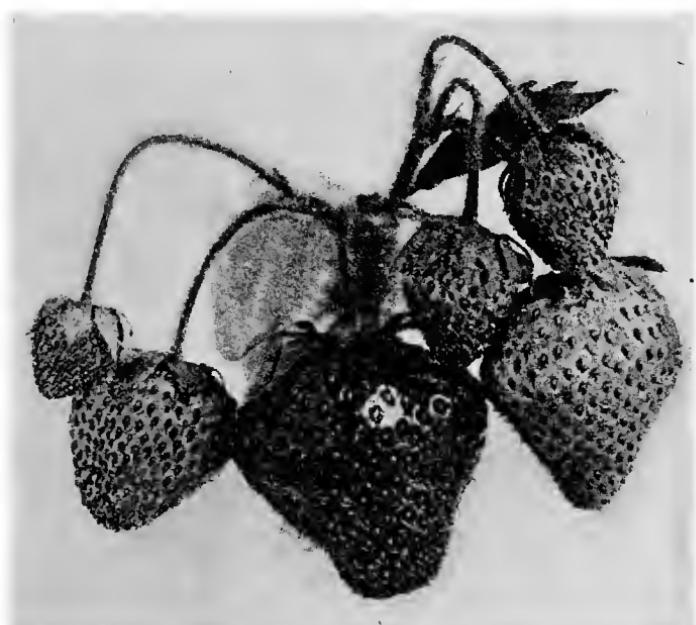


FIG. 12—**PAN-AMERICAN**—THE FIRST OF THE NORTH AMERICAN RACE OF EVERBEARERS (From *Rural New Yorker*, 1911, p. 1067)

red, medium firm, sub-acid, good; runners practically none. Interesting as the progenitor of the race of North American "everbearing" varieties.

PANIC (S)—Orig. H. J. Peck, Brighton, N. Y.; int. about 1880. Berry irregular long-conic, firm, fair; runners numerous. Late.

PANSY—Listed in Mass., 1889.

PARAGON—Orig. J. B. Cheney, Wyoming, N. Y., **RUSSELL'S PROLIFIC** x **TRIOMPHE**; int. about 1868. Berry round-conic, medium firm, sweet, good.

***PARCELL (S)** (Parcell's Early; Early Market, of some)—Orig. 1903, G. A. Parcell, Pine City, N. Y., supposed **HAVERLAND** x **EXCELSIOR**; int. 1912. Berry medium, conic, necked, light scarlet; flesh medium red, medium firm, acid, fair; runners moderate. Very early.

PARIS KING (S) (Parry's King)—Orig. B. O. Curtis, Paris, Ill., seedling of **CAPTAIN JACK**; int. 1891. Berry medium, conic, light crimson; flesh light red, medium firm, good; runners moderate. Midseason.

PARIS QUEEN (S)—Orig. B. O. Curtis, Paris, Ill.; int. about 1896. Berry medium, conic to wedge-shape, crimson, soft, good; runners moderate. Midseason.

Park Beauty—Int. 1877, H. A. Coffeen, Vermillion county, Ill., as a seedling of **CRESCENT**. Apparently identical with that variety.

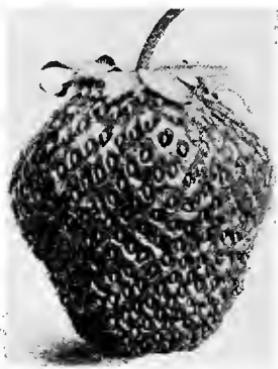


FIG. 13—**PARKER EARLE**—
AN EXCELLENT VARIETY IN
THE WEST, UNDER HILL
CULTURE (From R. M. Kel-
logg Co., Three Rivers,
Mich.)

PARMENTER'S SEEDLING—Listed in Mass., 1891. Berry medium, irregular, crimson, medium firm, fair. Midseason.

PARNEL (P)—Orig. Mr. Parnel, College Hill, Ohio; listed 1861. Berry large, crimson, very good.

PARRY (S)—Orig. 1880, William Parry, Parry, N. J., seedling of **JERSEY QUEEN**; int. 1885. Berry medium to large, round-conic, light crimson; flesh medium red, medium firm, very good; runners few. Midseason.

Parry's King—Erroneous for **PARIS KING**.

***PARSON (S)** (Parson's Beauty; Reynolds; Pearson's Beauty)—Orig. about 1890, E. G. Parsons, Parsonsburg, Md., chance seedling; int. 1899. Berry medium large, irregular-conic to wedge-conic, bright crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason. Valued in Md., Del., B. C., and several other sections. **POCOMOKE** and **GIBSON** (of Mich.) resemble it.

***PATAGONIA (S)**—Orig. 1907, Luther Burbank, Santa Rosa, Calif., *F. chiloensis* from South America x "some of the best North American varieties"; int. 1911. Berry large, round-conic to wedge-shape, yellowish scarlet; flesh light red, firm, sweet, good; runners numerous. Midseason.

PATRICK—Listed in 1870; possibly foreign. Berry large, elongated, bright crimson; flesh light red, soft. Early.

PATRICK (of Cone) (S)—Orig. E. W. Cone, Menomone, Wis.; int. about 1896. Berry medium or below, round-conic to long-conic, light scarlet, medium firm, fair; runners numerous. Medium early. A spurious variety, which was pistillate, was disseminated under this name.

PAULINA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry obtuse-conic, crimson, sweet.

PAULINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obovate, bright scarlet, acid, good. Late.

PAULINUS (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, conic, light scarlet, good.

PATUXENT (S)—Orig. William Saunders, U. S. Dept. of Agr., Washington, D. C.; int. 1876. Berry medium, conic, dark crimson, firm, sub-acid, very good. Midseason.

***PARKER EARLE (S)**—Orig. 1886, James Nimon, Denison, Tex., **CRESCENT** x T. V. Munson's No. 3 which was an unnamed seedling of **MINER'S PROLIFIC**; int. 1889. Plant very large, erect; leaf stalks long, thick, leaflets medium green; fruit stalks rather short, stiff, much branched; flowers of medium size; berry medium to large, conic, with a long neck, dark scarlet; calyx medium, reflexed, easily detached; seeds large, about even with the surface; flesh light red, firm, fine-grained; core pink, solid; flavor mild sub-acid; quality good. Medium late. For many years this was a standard variety especially in those parts of the West that have extremes of temperature. It requires rich, moist soil and should be trained in hills. Under these conditions it makes very large stools, and bears heavily. The plant is slow growing and should be fruited two or three seasons. This variety shows a marked tendency to produce variegated foliage.

Parker Earle Improved—A selection of **PARKER EARLE**, by J. L. Arnout, Luzerne county, Pa., int. about 1900, was indistinguishable from it.

PARKER EARLE, JR. (S)—Orig. James Nimon, Denison, Tex., seedling of **PARKER EARLE**; int. about 1894. Identical with **PARKER EARLE** except that it was about ten days earlier, and had more runners.

***PAUL JONES** (P)—Orig. about 1898, Wm. H. Johnon, Northboro, Mass., **HAVERLAND** x **BRANDYWINE**; int. 1908. Berry medium to large, wedge-conic to roundish-oval, dull light scarlet; flesh light red, medium firm, mild sub-acid, fair; runners moderate. Midseason.

PAWNEE (S)—Orig. James Stayman, Leavenworth, Kan.; int. about 1892. Berry medium, round-conic, necked, dark crimson, medium firm, very good. Medium early.

***PAYDAY**—Orig. R. L. Cloud, Independence, La., **KLONDIKE** x an unnamed seedling; int. 1916.

PAYNE—Int. about 1890. Berry large, firm, good. Midseason to late. Resembled **CUMBERLAND TRIUMPH**.

PEABODY (S)—Listed in 1891. Berry small to medium, round-conic, light scarlet; flesh light red, soft, poor. Midseason.

Peabody's Georgia—Syn. of **GEORGIA MAMMOTH**.

PEABODY'S SEEDLING (S) (Peabody's New Hautboia)—Orig. Chas. A. Peabody, Columbuia, Ga., **BOSS' PHOENIX** x "a wild strawberry of Alabama"; int. 1856. Berry medium, irregular-conic, necked, dark crimson; flesh dark red, firm, sweet, very good. Early. Int. at \$5.00 per dozen; very unproductive. Apparently not a "hautbois" at all.

***PEACE-MAKER** (S)—Listed in 1908. Berry medium, firm, good. Midseason.

***PEACH** (S)—Orig. 1888, L. H. Girton, Briatol, Ind., chance seedling; int. 1909. Berry medium to large, round-conic to wedge-shape, crimson; flesh dark red, firm, sub-acid, good; runners numerous. Midseason.

PEAK'S EMPEROR (P)—Orig. about 1861, Ellwood Peak, South Bend, Ind., **HOVEY** x **WILSON**; int. 1867. Berry large, conic, often necked, dark crimson, firm, mild sub-acid, good; runners numerous. Late. Resembled **AGRICULTURIST**.

***PEARL** (of Loomis) (S)—Orig. J. W. Loomis, Ind., **COMMONWEALTH** x Loomis No. 6; int. 1913. Berry large, round-conic, scarlet; flesh light red, firm, good. Late.

PEARL (of N. J.) (S to semi-S)—Orig. N. J.; int. 1889. Berry medium to large, round-conic to long-conic, crimson; flesh medium red, firm, acid, very good; runners few. Early.

Pearl—See **MICHIGAN PEARL**.

PEARSON—Listed in Ohio, 1900. Berry large, long-conic, dark crimson, good.

Pearson's Beauty—See **PARSON**.

***PEARY** (S) (Captain Peary)—Int. 1906. "Of **WARFIELD** type"; flavor poor; runners numerous.

***PECKHAM** (S) (Peckham Wonder)—Orig. 1907, W. U. Peckham, Silver Springs, N. Y., chance seedling; int. 1912. Berry medium, long-conic to wedge-conic, slightly necked, dull dark crimson; flesh dark red, firm, mild sub-acid, poor. Midseason.

***PEERLESS** (of Hubach) (S)—Orig. Lonis Hubach, Judsonia, Ark.; int. 1904. Berry medium to large, round-conic, slightly necked, dark crimson; flesh dark red, firm, good; runners numerous. Medium late.

***PEEELESS** (of Cooper)—Orig. Samuel Cooper, Delevan, N. Y. Runners moderate. Everbearing. Int. 1906.

PEEELESS (P)—Listed in Va., 1894. Berry medium, irregular, good; runners numerous. Midseason.

***PENNELL** (S) (Pennell's Admiral Dewey)—Orig. John W. Pennell, West Norwalk, Conn., chance seedling; int. 1898. Berry large, round-conic to oblong, sometimes necked, dark crimson; flesh dark red, firm, sub-acid, good; runners numerous. Medium late.

***PENNSYLVANIA** (S) (Pennsylvania Dutchman)—Orig. York county, Pa.; int. 1908. Berry medium to large, irregular round-conic, light crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Medium late. Closely resembles **NEW YORK**.

PENNSYLVANIA (of Schmitz) (P)—Orig. Gerald Schmitz, Philadelphia, Pa., seedling of **MOYAMENSING**; int. 1853. Berry medium, round-conic, dark crimson; flesh dark red, firm, acid, good. Midseason.

***PERFECTION** (of Sons) (S)—Orig. about 1900, James Sons, Jr., Seligman, Mo.; int. about 1904. Berry medium large, conic, light crimson; flesh medium red, medium firm, fair; runners numerous. Midseason to late.

***PERFECTION**—Listed in Iowa, 1912, as an "everbearer."

PERFECTION (of Salzer) (S) (Salzer's Perfection)—Int. 1892, John A. Salzer, La Crosse, Wia. Berry small, conic, dark crimson; flesh dark red, firm, acid, good; runners moderate. Midseason.

PERFECTION (of Smith)—Orig. F. E. Smith, Hudson Center, N. H.; int. about 1890. Berry large, round-conic, light scarlet; flesh light red, soft, very good. Midseason.

PERFECTION (of Speece) (S) (Speece's Perfection)—Orig. B. W. Speece, Carthage, Mo.; int. about 1886. Berry medium to large, round-conic, dark scarlet, medium firm, good; runners numerous. Midseason.

PERFECTION (of Stayman)—Orig. James Stayman, Leavenworth, Kan.; int. 1890.

***PERFECTO**—Orig. R. L. Cloud, Independence, La., **KLONDIKE** x an unnamed seedling; int. 1916.

PERFUMED PINE (S)—Orig. W. R. Prince, Flushing, N. Y., seedling of **BURR'S SEEDLING**; int. about 1855. Berry medium, obtuse-conic, light scarlet, firm, good.

PERFUMED SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, roundish, light scarlet, very good.

***PERPETUAL** (S) (Perpetual Motion)—Orig. 1909, Chas. F. Gardner, Oaage, Iowa; int. 1912. Berry medium, crimson, firm, good; runners moderate. "Everbearing."

Perpetual—Usually refers to the common **ALPINE** strawberry.

***PERRY**—Listed in Ill., 1906. Berry soft, poor.

Perry—See **MARSDEN PERRY**.

PERRY'S SEEDLING (S)—Orig. Geo. Perry & Sons, Georgetown, Conn.; int. about 1865. Berry medium to large, roundish, necked, bright crimson, sweet, good.

PERUVIAN—Listed in 1845 as "a variety of *F. chiloensis*."

PET (S)—Orig. Samuel Miller, Bluffton, Mo., chance seedling; int. about 1891. Berry medium to large, round-conic, dark crimson; flesh medium red, firm, very good; runners few. Midseason.

***PETER** (S)—Listed in Ill., 1909. Berry large, firm.

PETICOLAS' SEEDLING—Orig. T. V. Peticolas, Cincinnati, Ohio; listed 1852.

PHELPS (S) (Old Iron Clad; Ironclad)—Orig. southern Ill.; int. 1883. Berry medium to large, irregular conic, dark crimson; flesh dark red, firm, good; runners moderate. Early. A valued early market sort.

***PHENOMENAL** (S)—Orig. Orlando, Fla., seedling of **HOFFMAN**; int. about 1895. Berry medium to large, conic, dark crimson, firm, good; runners moderate. Early to midseason. Distinct from **PHENOMERE**, a French variety tested here about 1882.

PHILADELPHIA (S)—Int. 1867. Berry medium, crimson, sweet, good. Early.

***PHILAKRATES** (S)—Orig. A. T. Goldborough, Washington, D. C., mainly from English varieties; int. 1908. Berry medium, round-conic, light scarlet, medium firm, sweet; runners few. Midseason.

PHIL SHERIDAN (P) (General Sheridan)—Orig. J. Keach, Waterloo, N. Y., **RUSSELL'S PROLIFIC** x **TRIOMPHE**; int. 1866. Berry medium to large, irregular, dark crimson; flesh medium red, medium firm, good. Midseason.

***PHILLIPS** (S) (Phillips' Seedling)—Orig. W. H. Phillips, Staunton, Ind., **SHARPLESS** x **CRESCENT**; int. 1892. Berry medium, irregular-conic, dark crimson; flesh dark red, firm, sub-acid, good; runners moderate. Midseason.

PHIPEN (S) (Phippen)—Int. about 1896. Berry small to medium, long-conic, bright scarlet; flesh light red, firm, acid, fair; runners numerous. Midseason.

***PHOENIX** (aemi-S)—Orig. 1906, Chas. L. Granby, Naples, N. Y., parentage unknown; int. 1910. Berry very large, irregular wedge-shape, light crimson; flesh light red, sweet, very good. Midseason.

PHOENIX (S)—Orig. Ariz.; int. about 1898. Berry medium, round-conic, dark scarlet, medium firm, fair; runners numerous. An "Everbearer" in Ariz.; midseason elsewhere.

Phoenix—See **ROSS PHOENIX**.

PHOTO (P) (Martha, of some)—Orig. 1871, Matthew Crawford, Cuyahoga Falls, Ohio; int. 1876. Berry large to very large, roundish to long-conic, bright crimson; flesh light red, very soft, mild sub-acid, good; runners numerous. Late.

PICKERPROOF—Orig. R. L. Cloud, Independence, La., **LULU** x **HOFFMAN**; int. about 1898.

PIERSON SEEDLING (S) (Pearson)—Orig. A. W. Pierson, Vineland, N. J.; int. about 1896. Berry large, round-conic, scarlet; flesh medium red, firm; runners numerous. Late.

PILGRIM—Listed in Mo., 1882.

Pinchot—This was re-named **HUSTLER** before it was introduced.

PINE HILL (P) (Pine Hill No. 20)—Orig. G. G. Bushnell, Centerbrook, Conn.; int. 1802. Berry medium, round-conic, scarlet; flesh whitish, medium firm, good. Midseason. Other "Pine Hill Seedlings" were sent out on trial.

***PINEAPPLE (S)** (Pineapple-flavored)—Orig. about 1896, Mr. Talmage, Mt. Morris, N. Y., chance seedling; int. 1902. Berry medium, round-conic, dark crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason. Confused with **BONANZA** (a syn. of which is Pineapple), but distinguished from that variety by darker color, more regular shape, and greater firmness.

Pineapple—Syn. of **BONANZA**. See also **OLD PINE**; **NECKED PINE**. **WYATTS' PINE-APPLE**, an English variety, has also been tested here.

PIONEER (S) (King of the North)—Orig. about 1868, E. W. Durand, Irvington, N. J.; int. 1878. Berry medium to large, round-conic to oval, slight neck, bright scarlet; flesh light red, medium firm, sweet, good; runners moderate. Early.

PIONEER—Orig. Ore.; listed in 1897.

PIPER'S SEEDLING (S)—Orig. 1873, D. J. Piper, Forrester, Ill., chance seedling; int. about 1880. Berry large, roundish, dark crimson; flesh dark red, firm, sub-acid, very good; runners numerous. Medium early.

PLOW BOY—Listed in Iowa, 1899, as "New."

PLOW CITY (S)—Orig. 1884, C. C. Stone, Moline, Ill., seedling of **ATLANTIC** or **SHARPLESS**; int. 1894. Berry medium to large, irregular round-conic, dark scarlet; flesh medium red, firm, good; runners moderate. Medium late.

***PLUMB BOB (P)**—Orig. 1902, H. J. Schild, Ionia, Mich.; **HAVERLAND** x **IONIA**; int. 1907. Berry large, conic, light crimson; flesh whitish, firm, acid; runners numerous. Midseason to late.

***PLYMOUTH ROCK**—Orig. Mass.; listed in 1904. Berry medium, roundish, crimson; flesh light red, firm, sweet, good; runners moderate. Midseason.

***POCAHONTAS (S)**—Orig. S. K. Garrison, Va., chance seedling; int. 1908. Berry medium, irregular round-conic, slightly necked, dark scarlet; flesh light red, medium firm, mild sub-acid, fair; runners numerous. Medium late. Resembles **NEW YORK**.

***POCAMOKE (S)**—Orig. E. H. Hamblin, Pittsville, Md., chance seedling; int. about 1902. Berry medium to large, round-conic, bright crimson; flesh medium red, firm, brisk sub-acid, good; runners numerous. Medium late. Closely resembles **PARSON**.

POLLY WARFIELD (P)—Orig. W. W. Sewell, Carthage, Mo.; int. about 1897. Berry round-conic, light scarlet; firm, good. Midseason.

POLOPEL—Listed in Ont., 1885, as "New."

POMONA (S)—Orig. B. Hathaway, Little Prairie Ronde, Mich.; int. about 1884. Berry medium, round-conic, scarlet; flesh light red, firm, mild sub-acid, fair; runners numerous. Medium early.

PONDEROSA (S)—Int. 1895, John A. Salzer, La Crosse, Wis. Berry large, irregular round-conic, dark crimson; flesh dark red, firm, mild sub-acid, good; runners numerous. Midseason.

PORTAGE (S)—Orig. M. C. Hall, Freedom, Ohio; int. about 1894. Berry large, long-conic to coxcombed, bright scarlet, firm, fair; runners numerous. Late.

PORTER'S SEEDLING (S)—Orig. Mr. Porter, Rocky Point, N. C.; int. 1890. Berry medium, round-conic, light crimson, soft, fair. Very early.

***PORTIA (P)**—Orig. 1906, Central Exp. Farm, Ottawa, Canada; seedling of **WILLIAM BELT**; int. 1913. Berry large, round-conic to wedge-conic, dark crimson; flesh dark red, firm, brisk sub-acid, good; runners moderate. Late.

***POETO EICO (P to semi-S)**—Orig. 1895, E. W. Wooster, Hancock Point, Me., **HAVERLAND** x **PARKER EARLE**; int. 1899. Berry medium to large, round-conic, bright crimson; flesh light red, medium firm, mild sub-acid, fair; runners few. Late.

***POSEY (S)**—Orig. 1910, Oral Herren, Brazil, Ind., chance seedling; int. 1915. Berry large, long-wedge, necked, medium to dark crimson; flesh dark red, firm, mild sub-acid, fair; runners numerous. Midseason.

POTOMAC (S)—Listed in Va., 1894. Late.

PRAIRIE FARMER (S) (Neff's Commercial)—Orig. Wm. D. Neff, Ottawa, Ill., int. 1870, as Neff's Commercial. Berry large, irregular obovate, dark scarlet, firm, sub-acid, good. Medium late.

***PRAIRIE QUEEN** (S)—Listed in Mich., 1882. Berry medium, round-conic, dull crimson, soft, sub-acid.

***PREMIER** (Kellogg's Premier) (S)—Propagated by E. H. Riehl, N. Alten, Ill., origin unknown; int. 1915. Berry large, round-conic, crimson; flesh red, sub-acid, very good; runners moderate. Extra early.

PREMIUM (P)—Orig. about 1886, seedling of **JERSEY QUEEN**; int. 1894. Berry medium, round-conic, bright crimson; flesh light red, firm, sub-acid, good; runners few. Medium late.

***PRESIDENT** (P to semi-S)—Orig. about 1900, Thea. R. Hunt, Lambertville, N. J.; int. about 1903. Berry large, round-conic, obtuse, bright crimson; flesh light red, firm, mild sub-acid, fair; runners moderate. Midseason. Often strongly atamniate.

President—See **PRESIDENT HARRISON**; **PRESIDENT WILDER**, etc. **PRESIDENT CAR-NOT**, a French variety and the **PRESIDENT** orig. by Green of England, in 1862, have also been tested here.

PRESIDENT HARRISON (S)—Int. about 1890. Berry small, irregular, scarlet, firm, good. Midseason. Distinct from **HARRISON**.

PRESIDENT LINCOLN (of Smith) (S) (Abraham Lincoln)—Orig. 1875, Mr. Smith, gardener to Chas. Dickens, New York City; int. 1878. Berry large, irregular round-conic, often necked, light crimson; flesh light red, medium firm, sweet, good; runners numerous. Midseason.

President Lincoln—Int. 1867 as Abraham Lincoln, by Mr. Plattman, of Pa.; name changed to **PRESIDENT LINCOLN**, 1870. Identical with **JUCUNDA**.

President Lyen—See **LYON**.

President Roosevelt—See **ROOSEVELT** (of Cathcart).

PRESIDENT WILDER (S)—Orig. 1861, Marahall P. Wilder, Dorchester, Mass., **HOVEY** x **LA CONSTANTE**; int. 1868. Berry large, round-conic to oval-conic, obtuse, light scarlet; flesh rosy white, firm, sweet, very good to best; runners moderate. Midseason. Valued by amateurs for many years on account of its very high quality. A variety of the same name, orig. by M. de Jenghe, Brussels, Belgium, which was also a seedling of **LA CONSTANTE**, was int. here the same year, 1868.

PRICE'S SEEDLING (S)—Orig. Caleb Price, Mt. Olive, N. C.; int. 1892. Berry medium, long-conic, necked, light crimson, medium firm, very good; runners numerous. Medium early.

PRIDE OF ALBANY (S)—Orig. D. W. H. Tayler, Brodhead, Wis.; int. about 1890. Berry medium, round-conic, dark crimson, soft, good; runners moderate. Late.

Pride—See **OLIVE**.

Pride of Cumberland—See **CUMBERLAND**.

Pride of Delaware—See **DELAWARE PRIDE**.

Pride of Iowa—See **IOWA PRIDE**.

Pride of Michigan—See **MICHIGAN PRIDE**.

Pride of Minnesota—See **MINNESOTA**.

PRIDE OF OHIO (S)—Orig. W. H. Earheart, Lexington, Ohio; int. about 1898. Berry medium, round-conic, dull scarlet; flesh medium red, firm, very good; runners few. Midseason.

PRIDE OF RED BANK—Orig. N. J.; listed in 1889.

Pride of Somerset—See **SOMERSET PRIDE**.

Pride of Sussex—See **SUSSEX**.

Pride of the Valley—See **VALLEY PRIDE**.

PRIDE OF THE WEST (S)—Orig. Ill.; int. 1893, Wm. Stahl, Quincy, Ill. Berry medium, round-conic. Early.

PRIMATE (of Prince) (S)—Orig. about 1845, W. E. Prince, Flushing, N. Y., seedling of **PRINCE ALBERT**, an English variety; int. about 1855. Berry medium, conic, dark scarlet, firm, fair.

PRIMATE (S)—Int. about 1892. Berry medium, long-conic, dark crimson; flesh dark red, soft, fair; runners moderate. Medium early.

PRIMO (S)—Orig. about 1878, Daniel Smith, Newburgh, N. Y.; int. 1881. Berry large, round-conic, light scarlet; flesh whitish, medium firm, sub-acid, good; runners moderate. Late.

PRIMORIDAN (P)—Orig. about 1845, W. R. Prince, Flushing, N. Y., seedling of **CRIMSON CONE**; int. about 1855. Berry large, long-conic, dark scarlet, sweet. Early.

***PRINCE** (S)—Orig. C. F. Gardner, Osage, Iowa; listed 1913, as "a new everbearer."

Prince—See **BLACK PRINCE**. **PRINCE OF WALES**; **PRINCE ALBERT**; **PRINCE OF ORLEANS**, all foreign varieties, have been tested here.

PRINCE OF BERRIES (S) (Durand's Superb; Superb; Prince, of some)—Orig. E. W. Durand, Irvington, N. J., seedling of **JERSEY QUEEN**; int. about 1881, as **SUPERB**, name changed to **PRINCE OF BERRIES** in 1883. Berry large, roundish, necked, dark crimson, firm, sweet, very good; runners few. Valued for home use because of high quality, but unproductive and required high culture.

Prince of Orange—Syn. of **WILLIAMS**.

PRINCEPS—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, long-conic, dark crimson; flesh medium red, soft, good.

PRINCESS (P) (Early Princess)—Orig. 1881, J. C. Kramer, La Crescent, Minn., from mixed seed; int. 1892. Berry medium, roundish to round-conic, crimson; flesh medium red, medium firm, sweet, good; runners numerous. Medium early. Hardy. **PRINCESS OF WALES**, an English variety, was tested here about 1872.

***PRINCESS ENA** (P)—Orig. about 1905, A. T. Goldsborough, Washington, D. C., a composite of English and American varieties; int. 1908. Berry round-conic, dark crimson; flesh dark red, sweet, very good; runners few. Midseason.

PRINCETON CHIEF (P)—Orig. 1884, F. W. Poscharsky & Son, Princeton, Ill., supposed **CRESCENT** x **KENTUCKY**; int. 1892. Berry medium to large, irregular-conic, crimson, medium firm, very acid, poor; runners numerous. Medium late.

PRISCILLA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, scarlet, good.

PRIZE (P)—Listed in Ont., 1896; possibly foreign. Berry small to medium, irregular oblong-conic, dark crimson, firm, poor; runners numerous. Midseason.

Prize—See **BOSTON PRIZE**; **BUIST'S PRIZE**; **ST. LOUIS** (of Goldsborough); **FIRST PRIZE**; **GANDY**; **KELLOGG**; **SCARLET PRIZE**.

***PRODUCTIVE** (P)—Orig. 1908, Samuel Cooper, Delevan, N. Y., **AUTUMN** x **PAN-AMERICAN**; int. 1911. Berry medium, round-conic, obtuse, scarlet; flesh medium red, firm, mild sub-acid, good; runners few. Spring crop borne in midseason; more or less "everbearing" under right treatment.

***PROFESSOR**—Orig. about 1898, Mr. Wariner, Pert Jervis, N. J.; listed in 1904. Berry round-conic, crimson, very good; runners few.

Professor, and Professor Fisher—See **FISHER**.

PROFIT (S)—Orig. Finney Bros., West Hanover, Mass.; listed 1894. Berry medium, round-conic, scarlet, medium firm, acid.

PROFUSE SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y., seedling of **LARGE EARLY SCARLET**; int. about 1849. Berry small to medium, roundish-oval, light scarlet, soft. Very early.

PROFUSION (P)—Orig. about 1845, John Burr, Columbus, Ohio; int. 1848. Berry small to medium, sweet, very good.

***PROGRESSIVE** (S)—Orig. 1908, Harlow Rockhill, Conrad, Iowa, **PAN AMERICAN** x **DUN-LAP**; int. 1912. Berry medium, wedge-conic to obtuse-conic, dark crimson; flesh dark red, firm, mild sub-acid, good; runners moderate. Early; an "everbearer"; one of the best of its class.

***PROLIFIC** (of N. Y. Exp. Sta.) (S)—Orig. 1899, N. Y. State Exp. Station, Geneva, N. Y., **SAMPLE** x **MARSHALL**; int. 1908. Berry medium to large, round-conic, light crimson; flesh medium red, firm, brisk sub-acid, good; runners very numerous. Midseason.

PROLIFIC (of Miller) (S)—Orig. J. B. Miller, Anna, Ill., seedling of **BUBACH**; int. about 1898. Berry large, roundish, firm, sweet, good. Medium early.

Prolific—See **IOWA PROLIFIC**; **KANSAS PROLIFIC**; **NEW YORK PROLIFIC**; **RED PROLIFIC**; **REED'S PROLIFIC**; **ROBBINS**; **RUSSELL'S PROLIFIC**; **SCARLET PROLIFIC**; **SONS**; **TENNESSEE**.

PROLIFIC HAUTBOIS (S) (Conical Hautbois; La Grange)—Orig. Europe; int. to North America before 1820. Berry large, conical, dull purplish crimson, medium firm, sweet, musky; runners numerous. Early. The only hautbois that was at all successful in North

America. Grown somewhat by amateurs until about 1860. Most of the hautbois are defective in blossoms; this one nearly always had perfect flowers.

PROLIFIC HUDSON (P)—Orig. about 1845, W. R. Prince, Flushing, N. Y. Berry medium, round-conic, crimson, good.

PROLIFIC IOWA—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, light scarlet.

***PROSSER**—Orig. about 1900, C. A. Warner, Prosser, Wash., **BRANDYWINE** x **CLARK**; int. about 1907. Berry medium, firm.

***PROSPERITY**—Listed in 1902. Berry large, round-conic, dark crimson; flesh light red, soft, sub-acid, very good. Early to midseason.

PROUTY SEEDLING (S)—Orig. 1870, K. Prouty, **WILSON** x **RUSSELL'S PROLIFIC**; int. 1872. Berry medium, irregular long-conic, light crimson; flesh light red, firm; acid, fair; runners moderate. Early.

***PROVIDENCE** (S)—Orig. 1909, Wm. Carroll, Somerset county, Md., chance seedling; int. 1913. Berry large, dark crimson; flesh dark red, firm. Early.

Purcell's Early—See **PARCELL**.

***PURDUE** (P)—Orig. 1890, Ind. Exp. Sta., **BUBACH** x **JESSIE**; int. about 1897. Berry medium to large, round-conic, dull scarlet; flesh dark red, medium firm, acid, good; runners numerous. Midseason.

PURITAN (P to semi-S)—Orig. Ohio; int. about 1890. Berry medium, irregular-conic, dark crimson, medium firm, acid, good; runners moderate. Midseason.

PYRAMIDAL CHILIAN (S)—Orig. Mr. Newland, N. J.; int. before 1840. Berry large, conic, dark scarlet, medium firm, sub-acid, good. Late. Valued for preserving, especially in Calif. Presumably a seedling of *F. chiloensis*.

***QUALITY** (of N. Y. Exp. Sta.) (S to P)—Orig. 1899, N. Y. State Exp. Sta., Geneva, N. Y., **HUNN** x **ATLANTIC**; int. 1908. Berry medium large, round-conic to wedge-shape, dark crimson; flesh dark red, firm, mild sub-acid, very good; runners moderate. Late.

QUALITY (of Ohio) (S)—Orig. Ohio; int. 1896. Berry large, round-conic, bright crimson, medium firm, mild sub-acid, very good; runners few. Midseason.

Quality—See **FIRST QUALITY**.

***QUEEN** (S) (Queen's Choice)—Orig. northern Canada; listed 1909. Berry large, dark crimson; flesh dark red. Midseason to late. Hardy.

Queen—See **AUGUST**; **AMERICAN QUEEN**; **COBDEN**; **EARLY QUEEN**; **MARTIN**; **MAY QUEEN**; **ORANGE QUEEN**; **PARIS QUEEN**; **PRairie QUEEN**; **RED QUEEN**; **TURNER'S QUEEN**. **SCARLET QUEEN**, an English variety, was tested here about 1890.

QUEEN OF THE PENINSULA—Listed in Ohio, 1885. Berry large, firm.

Queen of the West—Int. about 1880, as a wilding from Wis.; identical with **TROLLOPE'S VICTORIA**.

Quick—Erroneous for **GULICK**.

QUODDY BELLE (P)—Orig. Nathan W. Marston, S. Lubec, Me.; listed in 1896. Berry large, firm, sub-acid; runners numerous.

Bacster—Int. 1890, John Bacster, Daveuport, Iowa; proved to be **BEDER WOOD** which had been sent to one of his neighbors for trial several years before by Beder Wood, Moline, Ill.

***RADIANCE**—Orig. E. H. Riehl, N. Alton, Ill.; listed 1910 as "a new everbearer."

***RAMBLER** (S) (Early Rambler)—Orig. G. E. Bunting, Selbyville, Del., chance seedling; int. 1915. Berry large, roundish, crimson, firm; runners moderate. Early.

Ran Benoy—More commonly grown as **BENOY**.

RANDOLPH—Listed in Ill., 1900. Not **LIZZIE RANDOLPH**.

RANDOLPH PINE—Orig. about 1860, O. T. Hubbs, Randolph, Pa. Berry medium, long-conic, bright, crimson; flesh whitish, sweet, fair.

RANDOM (S)—Listed in N. Y., 1894. Midseason.

RANGE COUNTY—Listed in Ont., 1896.

***RANGER**—Orig. E. H. Riehl, N. Alton, Ill.; listed in 1910 as "of evrbearing type."

RAPPAHANNOCK—Orig. Washington, D. C.; int. 1876.

RAY'S PROLIFIC (S)—Int. about 1883. Berry small to medium, dark crimson, medium firm, fair; runners numerous. Midseason.

READ'S GRAND HERMAPHRODITE (S)—Orig. W. H. Read, Port Dalhousie, Ont.; int. about 1858.

READ'S LATE PINE (Read's Black Pine)—Orig. W. H. Read, Port Dalhousie, Ont.; int. about 1857. Berry medium, round-conic, nearly black, firm, very good. Late.

***READ GUARD** (P)—Orig. "in the South"; int. about 1908. Berry medium to large, conic, scarlet; flesh light red, medium firm, acid, fair. Medium late.

***REEA** (P)—Orig. 1893, J. H. Black, Son & Co., Hightstown, N. J.; **RUBACH** x **CHAS. DOWNING**; int. 1899. Berry medium, round-conic to wedge-shape, light crimson; flesh light red, medium firm, brisk sub-acid, fair. Medium late.

***RED BIRD** (P)—Orig. 1902, Samuel Wherry & Son, Durant, Miss., **MURRAY** (of Westbrook) x **HOFFMAN**; int. 1907. Berry medium, round-conic, sometimes necked, dark crimson; flesh dark red, medium firm, acid, good; runners moderate. Medium early.

RED CROSS—One of the reputed parents of **INDIANA** (of Schild).

Red Dawn—See **DAWN**.

RED FOX—Listed in 1898, as cultivated in Ga.

RED JACKET (S)—Orig. 1869, C. P. Hunt, Waterloo, Iowa, supposed **WILSON** x **RUSSELL'S PROLIFIC**; int. about 1873. Berry large, round-conic, dark crimson, soft, acid, poor; runners numerous. Very early.

Red June—See **JUNE**.

***RED PROLIFIC** (P) (Giant Red Prolific)—Orig. 1899, H. J. Schild, Ionia, Mich., **CRESCENT** x **IONIA**; int. 1907. Berry medium to large, irregular wedge-conic, crimson; flesh medium red, medium firm, acid, fair; runners moderate. Midaeason.

***RED QUEEN** (P)—Orig. H. J. Schild, Ionia, Mich.; listed 1910.

RED WOOD (S)—The common wild strawberry of Europe, *F. vesca*. Berry small, roundish-oval, crimson, soft, very sweet, good. Midaeason to late. Int. into North America before 1800. One of the leading commercial varieties near Boston, Mass., from 1820 to 1840. Valued for its long fruiting period. **WHITE WOOD** was grown to a more limited extent.

REEVE'S SEEDLING—Orig. Louis Mittag, Ravenswood, N. Y. Late. Resembled **LA CONSTANTE**.

REFULGENT (P)—Orig. W. R. Prince, Flushing, N. Y., about 1845; int. about 1855. Berry medium, ovate, necked, light scarlet, good.

REED'S PROLIFIC (S) (Reid's Early Prolific)—Orig. Va.; int. 1898. Berry small to medium, irregular round-conic, bright crimson, soft, acid, poor; runners very numerous. Medium early.

REGINA (of Prince)—Orig. W. R. Prince, Flushing, N. Y., seedling of **LONGWORTH**, and much like it; int. about 1855.

REGINA (of Schnadelbach) (P)—Orig. J. Schnadelbach, Grand Bay, Ala.; int. about 1890. Berry medium, round-conic, crimson, medium firm, fair. Late.

REGULATOR—Orig. about 1865, E. W. Durand, Irvington, N. J.; int. about 1868.

***RELIANCE** (S)—Orig. Chas. W. Momm, Irvington, N. J., **MARY** (of Alley) x **MARSHALL**; int. about 1905. Berry medium, round-conic, light crimson; flesh medium red, medium firm, acid, fair; runners few. Early.

***REMINGTON** (S)—Orig. Col.; parentage unknown. Berry medium, irregular, crimson, very firm, mild sub-acid, very good. Midaeason to late. Grown exclusively at Steamboat Springs, Col.

***RENA** (P)—Orig. C. F. Gardner, Osage, Iowa. Listed in Iowa, 1913, as "A new everbearer."

***REPEATER** (S) (Henderson's Repeater)—Int. 1900. Berry medium, round-conic to wedge-conic, bright crimson; flesh medium red, medium firm, brisk sub-acid, fair; runners moderate. Medium early. Tends to bear a fall crop.

RETA—Listed in Ill., 1902.

***REWASTICO** (S)—Orig. Thos. H. Howard, Salisbury, Md.; int. 1913. Berry large, round-conic, dark crimson; flesh dark red, firm, brisk sub-acid, good; runners numerous. Mid-season.

RHODE ISLAND SEEDLING—Listed in 1870. Berry large, conic, dark scarlet, acid, fair.

R. H. Smith—See **SMITH**.

Rice—See **KITTY RICE**.

RICHARDSON'S EARLY (P)—Orig. J. Richardson, Cambridge, Mass.; int. 1848. Berry medium conic, dark crimson, sub-acid, good. Early.

RICHARDSON'S LATE (S)—Orig. J. Richardson, Cambridge, Mass.; int. 1848. Berry medium to large, roundish, with short neck, light scarlet, brisk sub-acid, good. Midseason.

***RICHMOND (of Babcock) (S) (Jamestown)**—Orig. V. S. Babcock, Norfolk, Va.; int. 1908. Berry medium, round-conic, dark crimson; flesh dark red, firm, good; runners moderate. Midseason.

***RICHMOND (of Wash.) (semi-S) (Richmond Beauty)**—Orig. J. Frank Randall, Seattle, Wash., seedling of **MARSHALL**, which it resembles; int. 1914.

RICHMOND (of Collins) (S)—Orig. 1883, Mr. Collins, New Richmond, Mich., chance seedling; int. about 1885. Berry medium, irregular round-conic, crimson, medium firm, good; runners numerous. Midseason.

***RIDGEWAY (S)**—Orig. 1892; M. H. Ridgeway, Wabash, Ind., **JERSEY QUEEN** x **PARKER EARLE**; int. 1897. Berry medium-to large, round-conic to oblong-conic, light crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Midseason to late. Valued in some sections for near market. A good pollinator for late pistillates.

RIO (S) (Rio Vista)—Orig. 1887, Mark T. Thompson, Lakewood, Ohio, later of Rio Vista, Va., seedling of **SHARPLESS**; int. 1892. Berry medium, round-conic, slightly necked, crimson; flesh medium red, firm, brisk sub-acid, good; runners numerous. Early.

RIPPOWAM (S) (Ripawan); Great Rippowam—Orig. J. W. Faulkner, Stamford, Conn., said to be **BICTON PINE** (an English variety x **TRIOMPHE**; int. 1865. Berry large, irregular round-conic to coxcombed, scarlet; flesh whitish, medium firm, sub-acid, fair. Much resembled **RIVER'S ELIZA** (an English variety).

***RIP SNORTER (S)**—Orig. W. Rapp, Terre Haute, Ind.; int. about 1902. Berry medium, round-conic, necked, light crimson, soft, good; runners moderate. Midseason.

***RIP VAN WINKLE**—Listed in Ill., 1905. Quality poor.

***RISING (P) (Rising Seedling)**—Orig. John Rising, Starke, Fla.; int. about 1894. Berry medium, long-oval, dark crimson, firm, good. Very early.

RIVAL HUDSON (P)—Orig. John Burr, Columbus, Ohio, **EARLY HUDSON** x **BURR'S SEEDLING**; int. 1847. Berry medium, conic, dark crimson; flesh dark red, firm, brisk sub-acid, good.

***RIVERSIDE (S) (Riverside Seedling)**—Listed in Ohio, 1912. Berry medium, scarlet, color uneven, good. Midseason.

***ROADSIDE (S)**—Orig. Del., said to be “**KLONDIKE** x a wild berry”; int. 1910. Berry medium, round-conic, bright scarlet, firm; flesh light red, sub-acid; runners very numerous. Early.

***EOANOKE**—Listed in Ill., 1902. Resembles **BUBACH**.

***ROBBIE (S) (Bobbie)**—Orig. 1893, J. H. Black, Son & Co., Hightstown, N. J., **SHUSTER** x **KENTUCKY**, x **GANDY**; int. 1899. Berry medium to large, round-conic to wedge-conic, scarlet, sometimes with green tips; flesh whitish, medium firm, sub-acid, good; runners few. Late.

***ROBIN**—Orig. E. H. Riehl, N. Alton, Ill.; listed in 1910 as “A new everbearer.”

***ROBBINS (S) (Robbins' Prolific; Roosevelt, of some)**—Orig. Geo. M. Robbins, Bradford, Me.; int. 1914. Berry firm, sweet; runners numerous. Early.

Robbins' Arena—See **ARENA**.

Robbins' Earliest—See **EARLY ROBBINS**.

***ROBINSON (S)**—Orig. J. G. Robinson, Franklin county, Kan., **CRESCENT** x **CHAS. DOWNING**; int. 1891. Berry medium, round-conic, bright crimson; flesh light red, medium firm, acid, good; runners numerous. Late.

ROBINSON'S DEFIANCE (Robinson's Seedling)—Orig. Mr. Robinson, Chillicothe, Ohio; int. about 1860. Berry medium, round-conic, necked, dull crimson, firm, acid.

ROB BUSK (S)—Orig. W. W. Sewall, Carthage, Mo.; int. about 1897. Berry round-conic, crimson; flesh light red, firm, fair; runners numerous. Early.

***ROCHESTER (S) (Rochester Seedling)**—Int. about 1902, Green's Nursery Co., Rochester, N. Y. Berry medium, round-conic, dark crimson; flesh medium red, firm, sweet, fair; runners numerous. Midseason.

Rockhill Seedlings—Several seedlings sent out for trial since 1904, by Harlow Rockhill, Conrad, Ill., all of “everbearing” tendencies. See **PROGRESSIVE**.

Rocky Hill Triumph—Grown in R. I., about 1879. Identical with **CUMBERLAND TRIUMPH**.

ROGERS (P)—Listed in R. I., 1892. Berry small. Midseason.

***ROLLINS (S)** (Governor Rollins)—Orig. 1900, Benj. M. Smith, Beverly, Mass., parentage unknown; int. 1906. Berry medium, irregular round-conic, dull crimson; flesh dark red, firm, mild sub-acid, good; runners moderate. Midseason.

ROMEYN SEEDLING (S)—Orig. W. H. Romeyn, Kingston, N. Y., said to be seedling of **TRIOMPHE**; int. 1866. Berry large, irregular round-conic, light crimson; flesh light red, medium firm, mild sub-acid, very good; runners moderate. Medium late. Almost indistinguishable from **TRIOMPHE**.

***ROOSEVELT (of Cathcoit) (P)** (President Roosevelt; Lady Roosevelt)—Orig. A. Y. Cathcoit, Bristol, Ind., **WARFIELD** x **CLYDE**; int. about 1905. Berry small to medium, irregular roundish, strongly necked, dark dull crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Early.

***ROOSEVELT (of West) (S)**—Orig. T. B. West, Perry, Ohio; int. 1911. Berry large, round-conic, dark crimson; flesh dark red, firm, very good.

***ROOSEVELT (of Robbins) (S)**—Orig. Geo. M. Robbins, Bradford, Me.; int. 1914. Berry firm, sweet; runners numerous.

Roosevelt—See **TEDDY ROOSEVELT**.

Roosevelt's Pride of September—See **SEPTEMBER PRIDE**.

***ROOT**—Orig. A. W. Root & Bro., Manheim, Pa.; int. about 1902. Berry large, round-conic, scarlet, firm, mild sub-acid, fair; runners few. Midseason.

***ROSALIND**—Listed in Ill., 1911.

ROSALIND (of Prince) (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, round-conic, light scarlet, firm, good.

***ROSE ETTERSBURG (S)** (Rose of Ettersburg)—Orig. 1896, Albert Etter, Ettersburg, Calif., **SHARPLESS** x **PARRY**, x the Peruvian sand strawberry, a novel type of *F. chiloensis*”; int. 1903. Berry medium to large, shape very variable, roundish to flattened or obtuse-conic, unattractive bluish-pink; flesh light red, soft, mild sub-acid, fair; runners moderate. Late. Blossoms very large.

Rose—See **FOREST ROSE**.

ROSEBERRY (P) (Aberdeen; Scotch Scarlet)—Orig. 1808, Robert Davidson, Aberdeen, Scotland; int. 1815. Berry small to medium, round-conic with short neck, light crimson; flesh light red, firm, fair; runners numerous. Midseason. A variety of *F. virginiana*, prized here about 1825-40.

ROSEBERRY MONTEVIDEO—Listed in 1844 as “An American seedling of **ROSERERRY**.” Berry large, conic, good. Midseason.

ROSENHAM SEEDLING—Listed in Mo., 1884, as “Much like **CUMBERLAND TRIUMPH**.”

ROSEE (S) (Roser's No. 4)—Orig. E. L. Roser, Brittain, Ohio; int. about 1895. Berry medium to large, roundish, scarlet, soft, good; runners moderate. Midseason. He also sent out several other seedlings for trial.

ROSINA—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, sweet, good.

ROSS' PHOENIX (S)—Orig. 1837, Alex. Ross, Hudson, N. Y., seedling of **KEENS' SEEDLING**; int. about 1840. Berry medium, round-conic to coxcombed, very dark crimson, firm, very good. Cultivated considerably 1845-55.

ROUGH AND READY—Listed in Mo., 1891.

***ROUGH EIDER (S)**—Orig. 1893, Chas. Learned, Pulaski, N. Y., supposed to be **BUBACH** x **GANDY**; int. 1900. Berry medium large, irregular round-conic to wedge-shape, dark crimson; flesh dark red, firm, sub-acid, good; runners moderate. Late. A valued late variety.

ROYAL (P)—Orig. J. H. Haynes, Delphi, Ind.; int. about 1894. Berry large, firm; runners numerous.

***ROYAL SOVEREIGN (S)**—Orig. England. Berry large, round-conic to wedge-shape, bright crimson; flesh medium red, firm, brisk sub-acid, good; runners moderate. Very early. A standard sort in England; grown to some extent in Canada, especially on Vancouver Island and adjacent mainland, and the Kootenay district, B. C., and Nova Scotia.

ROYAL STRAIGHT FLUSH—Orig. A. T. Goldborough, Washington, D. C.; a composite of several English and American varieties; listed 1906.

***RUBY** (of Riehl) (S) (Riehl)—Orig. 1890, E. H. Riehl, N. Alton, Ill., chance seedling, supposed to be **CRESCENT** x **SHARPLESS**; int. 1895. Berry medium to large, round-conic, obtuse, dull dark scarlet; flesh dark red, firm, sub-acid, good; runners numerous. Medium late. Valued in many sections, especially in Ore. for canning.

***RUBY** (of Henderson) (P) (Great Ruby)—Int. about 1902, Peter Henderson & Co., N. Y. Berry medium, round-conic to wedge-shape, dark crimson; flesh dark red, very firm, mild sub-acid, fair; runners numerous. Medium early.

***RUBY KING**—Orig. 1902, H. J. Schild, Ionia, Mich., **WARFIELD** x **IONIA**; listed 1907. Medium early.

RURAL (S)—Orig. S. G. Winant, Roseville, N. Y.; listed 1896. Berry round-conic, soft, good.

RURAL GEM (S)—Orig. J. H. Pease & Son, Thompsonville, Conn.; int. about 1898. Berry medium, round-conic, light scarlet, medium firm, good; runners numerous. Late.

Rusk—See **JERRY RUSK**; **LADY RUSK**; **ROB RUSK**.

RUSSELL'S ADVANCE (S)—Orig. H. Russell, Seneca Falls, N. Y.; int. about 1868. Berry large, conic, crimson, soft, very good; runners few. Medium early to midseason.

RUSSELL'S PROLIFIC (P to semi-S) (Russell's Seedling; Buffalo Seedling, of some)—Orig. 1856, H. Russell, Seneca Falls, N. Y., **McAVOY'S SUPERIOR** x **LONGWORTH**; int. 1862. Berry large to very large, round-conic, necked and ribbed, bright crimson; flesh light red, soft, acid, good; runners numerous. Widely grown about 1868. Resembled **McAVOY'S SUPERIOR**.

Russell—See **CASSADY'S RUSSELL**.

***RYCKMAN** (S)—Orig. G. F. Ryckman, Brocton, N. Y.; int. 1901. Berry medium to large, irregular wedge-conic, light crimson; flesh medium red, medium firm, mild sub-acid, fair; runners moderate. Midseason. Practically identical with **NEW YORK**, and several other varieties.

SACCHARINE SCARLET (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, conic, scarlet, sweet.

SADIE (P)—Orig. M. T. Thompson, Lakewood, Ohio; int. 1890. Berry small to medium, round-conic, dark crimson, medium firm, acid, good; runners very numerous. Early.

***SAINT JOSEPH** (S)—Orig. 1893, Abbé Thivolet, Chenoyes, Saône-et-Loire, France, a cross between the Alpine and common varieties; int. here by U. S. Dept. Agr. 1899. Berry small to medium, round-conic, obtuse, dark scarlet; flesh light red, firm, sweet, very good; runners few. Early. In Europe it was considered the first good large-fruited "perpetual" sort; with us it shows but slight everbearing tendency, and is tender.

***ST. LOUIS** (of Bauer) (S)—Orig. 1903, J. A. Bauer, Judsonia, Ark., **HAVERLAND** x **THOMPSON**; int. 1907. Berry medium to large, long-conic, sometimes necked, light crimson; flesh light red, medium firm, sub-acid, good; runners moderate. Early.

***ST. LOUIS** (of Goldsborough) (S to P; St. Louis Prize)—Orig. 1903, A. T. Goldsborough, Washington, D. C., **COMMANDER** x **HEART FLUSH**, one of his own seedlings from **BRITISH QUEEN** x **LOUIS GAUTIER**; int. 1907. Berry large, irregular round-conic, light crimson; flesh light red, medium firm, sweet, very good; runners moderate. Medium late. Produced the record-breaking strawberry—3 1/2 inch x 3 1/16 inch, weighing 3 3/4 ounces.

***SALEM** (S)—Orig. B. M. Smith, Beverly, Mass.; int. 1900. Berry medium, irregular roundish to wedge-shape, dark crimson; flesh dark red, medium firm, brisk sub-acid, fair; runners numerous. Midseason.

***SALISBURY** (P)—Orig. Salisbury, N. C., chance seedling; int. 1906. Berry medium, wedge-conic, dull scarlet; flesh medium red, medium firm, sub-acid, poor; runners moderate. Medium early.

SALTELLE—Listed in Ont., 1894. Possibly refers to **SALTER**.

SALTER (S)—Grown in Miss., about 1891. Berry medium, conic, dark crimson, firm, acid. Early. Probably not **SALTER'S VERSAILLAISE**, a French variety tested here about 1870.

Salzer's Earliest—See **EARLIEST** (of Salzer).

Salzer's Perfection—See **PERFECTION** (of Salzer).

Salzer's Late Mastodon—See **MASTODON**.

SAM (S)—Orig. Samuel H. Warren, Weston, Mass.; int. about 1893. Berry medium, roundish, crimson, firm, good. Midseason.

***SAMPLE** (P)—Orig. 1894, J. D. Gowing, N. Reading, Mass., chance seedling in old bed of **LEADER**; int. 1898. Berry large, round-conic, very regular, dark crimson; flesh dark red,

firm, sub-acid, good; runners numerous. Medium late. A standard variety in many places. Commonly pollinated with AROMA, DUNLAP, and PARSON. Snaps off easily in picking.

Sampeel's Wonder—See WONDER (of Sampsel).

*SIMPSON (S to semi-P)—Orig. 1893, D. J. Miller, Millersburg, Ohio; int. 1900. Berry large, long-conic to wedge-conic, scarlet; flesh whitish, firm, brisk sub-acid, fair; runners numerous. Late.

*SAM WHERRY (S)—Orig. 1905, Sam E. Wherry, Durant, Miss., KLONDIKE x RED BIRD; int. about 1909. Berry large, oval, with long neck, dark scarlet; flesh medium red, firm, acid, fair; runners numerous. Medium early.

SAM SPERRY (S)—Orig. W. W. Sewall, Carthage, Mo.; int. about 1897. Berry conic, bright scarlet; flesh light red, very firm. Midseason.

SANAFEE (S)—Listed in Ky., 1890. Berry large, conic, scarlet; flesh whitish, firm, very good; runners few. Very early.

SANDOVAL (S)—Orig. C. B. Warfield, Sandoval, Ill.; int. 1891. Berry medium, round-conic, very dark crimson; flesh dark red, firm, good; runners moderate. Medium early.

*SANTA CLAUS (P)—Orig. Mr. Woodruff, Foster, Iowa; int. about 1903. Berry large, soft, very good; runners numerous.

SAPPHO (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, light scarlet, good.

*SARATOGA (S)—Orig. 1903, Wm. Palmer, Rexford Flats, N. Y., SAMPLE x GLEN MARY; int. 1906. Berry medium, irregular wedge-conic, dark crimson; flesh medium red, firm, sub-acid, good; runners moderate. Midseason. Resembles NEW YORK.

SATIN GLOSS (S)—Orig. Oscar F. Felton, Mechanicsburg, N. J., seedling of LADY FINGER; int. about 1880. Berry medium or below, conic, light scarlet; flesh medium firm, mild sub-acid, good. Calyx very large.

*SATISFACTION (S)—Orig. G. W. Howard, Stevensville, Mich., seedling of WILSON; int. about 1896. Berry medium, round-conic, bright crimson; flesh medium red, medium firm, brisk sub-acid, good; runners moderate. Midseason.

Satisfaction—See BRYAN'S SATISFACTION.

*SAUNDERS (S)—Orig. John Little, Granton, Ont., said to be CRESCENT x SHARPLESS; int. 1890. Berry medium to large, round-conic to wedge-conic, bright crimson; flesh light red, medium firm, sub-acid, good; runners numerous. Medium late. Has been largely grown in Canada, replacing WILSON in some sections.

SAUNDER'S SUCCESS (S)—Orig. A. Saunders, Saco City, Iowa; listed 1894. Berry medium large, good. Midseason.

SAWLOG (P)—Orig. 1892, E. W. Tate, Evergreen, Ala., chance seedling; int. 1896. Berry small to medium, long-conic, dull scarlet; flesh medium red, medium firm, acid, good; runners moderate. Medium early.

*SAWYER (S) (Sawyer's Seedling)—Listed in Mass., 1904. Berry medium, round-conic, scarlet; flesh light red, firm, sub-acid, good; runners moderate. Midseason to late.

*SCARLET (Wedding Feast)—Orig. Ind.; listed in 1903. Late.

SCARLET BALL (P)—Orig. E. W. Cone, Menomonee, Wis.; int. about 1892. Berry medium to large, roundish, scarlet; flesh whitish, firm, sub-acid, good; runners few. Medium late.

SCARLET CONE (P)—Orig. about 1847, Ellwanger & Barry, Rochester, N. Y.; int. 1850. Berry large, conic, bright scarlet.

SCARLET GEM—Orig. Mich.; listed 1890. Midseason.

SCARLET GLOBE (S)—Int. about 1875. Berry large, round-conic, scarlet, soft, acid, good. Midseason.

SCARLET INDIAN—Listed in Ohio, 1852.

SCARLET MELTING (P)—Orig. about 1845, John Burr, Columbus, Ohio, HOVEY x BURR'S SEEDLING; int. about 1848. Berry medium, long-conic, necked, bright scarlet, very soft, good; runners numerous. Early.

SCARLET PRIZE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, light scarlet, sweet, good. Late.

SCARLET PROLIFIC (S)—Orig. W. R. Prince, Flushing, N. Y., seedling of BURR'S NEW PINE; int. about 1855. Berry medium, conic, light scarlet, very sweet.

Scarlet Runner—Syn. of OLD SCARLET.

Scarlet Virginian—Syn. of **OLD SCARLET**.

Schauber Seedlings—Several seedlings orig. Geo. R. Schauben, Ballaton Lake, N. Y., tested 1905-15.

SCHMITZ (P)—Seedling of **IOWA**; listed 1870. Berry large, roundish-ovate, light crimson; flesh light red, good.

SCHNELL'S SEEDLING (Schnell's No. 6)—Orig. H. Schnell, Glasgow, Mo.; int. about 1893. Berry dark crimson, very good; runners numerous.

SCIOTO (P)—Orig. John Burr, Columbus, Ohio; int. about 1845. Berry medium, light scarlet, sweet, good.

***SCOFIELD** (Schofield)—Int. 1913. Berry large, roundish, bright crimson, good.

***SCOTT** (S to semi-S) (Great Scott)—Orig. 1902, John Scott, West Newton, Mass., **BUBACH x BELMONT** int. 1904. Berry medium to large, irregular round-conic to wedge-shape, flattened, dark crimson; flesh medium red, firm, sub-acid, fair; runners moderate. Midseason.

SCOTT'S SEEDLING (S) (Scarlet Runner, of some)—Orig. about 1848, J. Scott, Brighton, Mass., **PRINCE ALBERT** (an English aort) x **BOSTON PINE**; int. about 1852. Berry medium, long-conic, bright scarlet; flesh light red, firm, dry, sweet, good. Midseason.

Scott—See **GENERAL SCOTT**.

Scotch Runner—Uanally refers to **CRIMSON CONE**, which was stamineate and late, and not to the true **SCOTCH RUNNER**, which orig. in Scotland, and was pistillate and early.

SCEIVER (S)—Orig. J. D. McCrimmon, St. Louis, Mo.; int. about 1899. Berry medium, long-conic, necked, dull dark scarlet; flesh medium red, medium firm, dry, good. Midseason.

***SEAFORD** (P) (Lloyd; Lloyd's Favorite)—Orig. 1892, Chas. Wright, Seaford, Del., chance seedling; int. 1897. Berry medium to large, irregular wedge-conic, dark crimson; flesh dark red, firm, acid, good; runners moderate. Midseason. Valued for canning. Hardy.

SEEDLING OF DOWNING (S)—Liated in Col., 1900. Berry medium, long-conic, scarlet; flesh red, soft, good; runners numerous. Midseason.

SEEK-NO-FURTHER (S)—Orig. J. M. Wickizer, Marshall county, Ind.; int. about 1896. Berry large, round-conic, light scarlet; flesh light red, medium firm, good; runners numerous. Midseason.

SEGERT—Listed in Kan., 1900.

SELBY'S SEEDLING—Listed in Ont., 1896.

SELETTE—Liated in Ont., 1894.

Senator, and Senator Dunlap—See **DUNLAP**.

***SENECA** (S)—Orig. 1902, L. J. Brundage, Dundee, N. Y., chance seedling; int. 1907. Berry medium, roundish, slightly necked, light scarlet; flesh light red, soft, mild sub-acid, fair; runners numerous. Midseason.

SENECA CHIEF (S)—Orig. Hunt & Foote, Waterloo, N. Y.; seedling of **MINER'S PROLIFIC**; int. about 1879. Berry medium, round-conic, bright scarlet; flesh light red, firm, sub-acid, good; runners numerous. Midseason. Confused with **SENECA QUEEN**.

SENECA QUEEN (S)—Orig. Hunt & Foote, Waterloo, N. Y., seedling of **MINER'S PROLIFIC**; int. about 1879. Berry medium, roundish, dark crimson; flesh dark red, soft, good; runners numerous. Midseason. Confused with **SENECA CHIEF**.

***SEPTEMBER**—Liated in Calif., 1902. Berry large, conic, light crimson, firm, sweet; runners moderate. Described as "autumn-bearing."

***SEPTEMBER PRIDE** (Roosevelt's Pride of September)—Orig. Elwood Hunter, Bristol, Pa., chance seedling; listed 1904. Berry medium, conic, scarlet, white tip, good. Described as "a fall bearer."

SERAPHINE (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, light scarlet; flesh whitish, sub-acid, good.

SERENA (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, bright acslet, sweet, good.

SETH BOYDEN (S) (Boyden; Goldsmith; Boyden's No. 30)—Orig. 1865, Seth Boyden, Newark, N. J., **GREEN PROLIFIC x GEORGIA MAMMOTH**; int. 1868. Berry large, round-conic, often necked, bright crimson; flesh medium red, medium firm, mild sub-acid, dry, good; runners moderate. Early. A famea variety 1870-85. considerably grown for market. Required high culture.

Shaker's Seedling—Syn. of **AUSTIN SHAKER**.

SHARON—Orig. about 1890, Mr. Branson, Sharon, Ohio; seedling of **GLENDALE**.



FIG. 14.—**SHARPLESS**—
ONCE A POPULAR
VARIETY UNDER
HIGH CULTURE, NOW
LARGELY SUPERSEDED

grown to some extent on the Pacific coast, especially in California and in British Columbia, where it is valued for canning.

Shaw—Syn. of **SHARPLESS**.

SHAWNEE (S to P)—Orig. James Stayman, Leavenworth, Kan., seedling of **CYCLONE**; int. about 1892. Berry medium large, long-conic, dark crimson; flesh medium red, medium firm, acid, good; runners moderate. Midseason.

***SHENANDOAH** (S)—Orig. W. A. Shook, McGaheysville, Va.; int. about 1906. Berry medium to large, round-conic, obtuse, light crimson; flesh medium red, medium firm, acid, good; runners numerous. Medium late.

***SHEPPARD** (P to semi-S) (Shepherd; Sheppard's Monarch)—Orig. E. S. Sheppard, Tenn., seedling of **MONARCH**; int. about 1896. Berry medium to very large, conic, often cox-combed, bright crimson; flesh medium red, medium firm, sweet, good; runners numerous. Late.

***SHEEMAN** (of Cooper) (P)—Orig. 1903, Samuel Cooper, Delevan, N. Y., seedling of **PAN-AMERICAN**; int. 1911. Berry medium to large, round-conic to oblong, bright crimson, colors unevenly; flesh dark red, firm, acid, good; runners moderate. Not a fall bearer.

***SHERMAN** (S)—Int. 1916. Berry large, very dark crimson; flesh dark red. Medium late.

SHEEMAN (of Cone) (S)—Orig. E. W. Cone, Menomonee, Wis.; int. about 1896. Berry large, round-conic, dark crimson; flesh medium red firm, good; runners numerous. Midseason.

***SHEEBER** (S)—Orig. A. Schrieber, St. Joseph, Mich.; int. about 1907. Closely resembles **UNCLE JIM**.

***SHIPPING KING** (S)—Orig. C. W. Scantling, Albemarle county, Va.; int. 1908. Berry medium, round-conic, dark scarlet; flesh light red, firm, sub-acid, good; runners numerous. Midseason.

SHIRE (P)—Listed in Ont. 1898. Berry medium to large, roundish, dark crimson; flesh dark red, firm, good; runners numerous. Late.

SHIRTZ (S) (Shirts)—Orig. 1873, E. J. Shirtz, Shelby, Mich., chance seedling; int. 1879. Berry large, long-conic, with long neck, dark crimson; flesh medium red, medium firm, sweet, good; runners moderate. Midseason. Closely resembled **BIDWELL** and **OCEANA CHIEF**.

Shuckles—Said to have orig. 1877, L. N. Feerer, Ohio; said to be seedling of **MINER'S PROLIFIC**; int. 1892. Identical with **MOUNT VERNON**. Also called Hull-less.

SHURTLEFF SEEDLING (S)—Listed in Mass., 1894. Berry medium, conic, scarlet, medium firm, good. Midseason.

***SHUSTER** (P) (Shuster's Gem)—Orig. 1871, S. S. Shuster, Frenchtown, N. J., **CRESCENT** x **CUMBEELAND TRIUMPH**; int. 1890. Berry medium to large, irregular-conic, often

flattened, bright crimson; flesh light red, medium firm, mild sub-acid, good; runners numerous. Medium early.

SHYSTER (P)—Orig. Mark T. Thompson, Rio Vista, Va.; int. about 1897. Berry large, round-conic, light scarlet; flesh medium red, medium firm, acid, fair; runners numerous. Medium early.

Sixteen-to-one—Syn. of **ASHLAND**.

***SIBERIA** (S)—Int. 1910, as "an everbearing white strawberry found at Unsolvolish, Russia, in 1910 by Mr. Brown, of Oregon."

***SILBERT** (S)—Int. 1905. Berry small, roundish, bright crimson; flesh medium red, medium firm, fair. Midseason.

SIERRA NEVADA (S)—Orig. Felix Gillet, Calif.; listed 1880. Berry large, conic, dark crimson, acid. Late.

SILVER (S)—Listed in Iowa, 1896, as "New." Berry large, green tipped, very good; runners numerous. Possibly the same as **FREE SILVER**.

***SILVER COIN** (S)—Orig. 1902, W. W. Kennedy, Little Silver, N. J., chance seedling; int. 1908. Berry medium to large, round-conic, dull light crimson; flesh dark red, medium firm, sub-acid, good; runners moderate. Medium late.

***SILVIA** (P)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **WILLIAM BELT**; int. 1913. Berry large, roundish to wedge-shape, obtuse, dark crimson; flesh medium red, medium firm, brisk sub-acid, good; runners moderate. Medium late.

SIMON'S EARLY (S)—Listed in Del., 1901. Berry soft, good; runners numerous. Early.

SIRIUS (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, light scarlet, sweet, good.

SKAGIT (S)—Orig. Wash.; listed 1897. Berry large, dark crimson; flesh medium red, firm, good; runners numerous.

SMELTZER'S EARLY (S) (Zeltzer Early; Smeltzer No. 2)—Orig. F. H. Smeltzer, Van Buren, Ark.; int. about 1892. Berry small to medium, round-conic, dark crimson; flesh dark red, firm, fair; runners numerous. Medium early. Resembled **EARLY CANADA**.

***SMITH** (S) (R. H. Smith)—Int. about 1908. Berry medium, round-conic, slightly necked, bright crimson; flesh light red, medium firm, mild sub-acid, fair; runners numerous. Mid-season.

Smith's Early, and Smith's Seedling, of some, are syn. of **EARLY CANADA**.

SMITH'S SEEDLING (S)—Orig. L. Smith, Rock county, Wis., seedling of **WILSON**; int. 1893. Berry small to medium, roundish, light scarlet; flesh light red, soft, fair; runners moderate. Early.

SNELL—Listed in Ill., 1902.

***SNOWBALL** (S)—Orig. 1890, E. W. Cone, Menomine, Wis.; int. about 1896. Berry medium, roundish to long-conic, necked, bright crimson; flesh light red, medium firm, acid, good; runners few. Medium late.

SNOWFLAKE (S)—Listed in Ont., 1898.

Snow's Perfection—Syn of **GIBSON** (of N. Y.)

***SNIDER** (S) (Snyder)—Orig. S. J. Snider, Osage, Iowa; int. about 1908. Berry medium, crimson, firm; runners numerous. Medium early. Resembled **BEDER WOOD**.

***SOMERSET** (S) (Somerset Maid)—Orig. Masa.; int. about 1906. Berry medium, irregular round-conic to long-conic, dark crimson; flesh dark red, brisk sub-acid, fair; runners moderate. Midseason.

***SOMERSET PRIDE** (S) (Pride of Somerset)—Orig. Somerset county, Md.; int. 1915. Berry large, firm, good; runners numerous. Early.

***SONS** (P to semi-S) (Sons' Prolific)—Orig. 1902, James Sons, Jr., Seligman, Mo., **BUBACH** x **AROMA**; int. 1909. Berry medium to large, irregular conic to wedge-shape, bright crimson; flesh medium red, firm, good; runners moderate. Early.

SOUTHARD (S) (Southard's Early)—Orig. M. Southard, Lakeview, Ohio; chance seedling; int. 1892. Berry medium, round-conic, bright scarlet; flesh light red, medium firm, fair; runners moderate. Medium early.

***SOUTH BEND** (S)—Orig. South Bend, Ind.; listed 1904. Berry large; runners numerous.

South Dakota—Several seedlings orig. at the S. Dakota Exp. Station, Brookings, S. D., from a cross between "the wild strawberry of Manitoba and cultivated varieties"; sent out on trial about 1906.

***SOUTHERN** (S) (Southern Beauty)—Berry medium, round-conic, obtuse, light crimson; flesh medium red, medium firm, mild sub-acid, good; runners very numerous. Midseason.

SOUTHERN MAMMOTH—Listed in 1870, as coming from La.

***SPARTA** (S)—Orig. J. L. Harbst, Sparta, Wis., **WARFIELD** x **JESSIE**; int. 1895. Berry medium, long-conic, slightly necked, dark crimson; flesh dark red, firm, sweet, very good; runners numerous. Midseason.

Speece's Perfection—See **PERFECTION** (of Speece).

***SPLENDID** (S)—Orig. C. H. Sumner, Sterling, Ill.; int. about 1892. Berry medium, round-conic, bright crimson; flesh medium red, medium firm, brisk sub-acid, good; runners moderate. Medium early.

***SPRINGDALE** (of Stayman) (S) (Springdale Beauty)—Orig. James Stayman, Leavenworth, Kan., supposed **CRESCENT** x **WILSON**; int. about 1901. Berry medium, round-conic, light crimson; flesh light red, soft, sub-acid, good; runners moderate. Medium early.

SPEINGDALE (of Miller) (P)—Orig. Amos Miller, Carlisle, Pa., supposed **GREEN PROLIFIC** x **JUCUNDA**; int. 1874. Berry medium to large, round-conic, bright crimson; flesh light red, medium firm, good; runners numerous. Medium late.

***STADERMAN** (S)—Int. about 1904. Berry large, conic, sometimes flattened, dark crimson; flesh dark red, medium firm, good; runners numerous. Medium late.

***STAHELIN** (P) (Fred Stahelin; Stakeley)—Orig. Fred C. Stahelin, Bridgeman, Mich., chance seedling; int. about 1897. Berry medium, irregular round-conic to wedge-shape, light crimson; flesh medium red, medium firm, acid, good; runners numerous. Early.

STANDARD (P to semi-S)—Orig. J. D. Gowing, N. Reading, Mass.; int. 1891. Berry medium to large, irregular round-conic, dark scarlet; flesh medium red, medium firm, good; runners few. Midseason.

***STANDPAT** (S) (Rockhill No. 6)—Orig. 1906, Harlow Rockhill, Conrad, Iowa, **PAN-AMERICAN** x **DUNLAP**; int. 1914. Berry medium to large, conic to wedge-shape, uneven scarlet; flesh dark red, firm, mild sub-acid, fair; runners few. An "everbearer"; spring crop in mid-season.

STANLEY (S)—Orig. Luther L. Stanley, Griffin, Ga., supposed seedling of **WILSON**; int. about 1896. Berry large, conic, firm, acid, good. Midseason.

STANTON Listed in Ga., 1896. Early.

***STAPLES** (S)—Orig. Isaac Staples, Dayton, Ohio; seedling of **WARFIELD**; int. 1895. Berry medium, round-conic, very dark crimson; flesh dark red, firm, sweet, good; runners numerous; flesh dry; will hang on vines several days after ripe. Excellent for home use.

***STAR** (S)—Orig. E. W. Reid, Bridgeport, Ohio; int. 1897. Berry medium to large, round-conic, dark crimson; flesh medium red, medium firm, sweet, good; runners moderate. Late. Closely resembles **SHARPLESS**.

Star—See **EARLY STAR**; **MORNING STAR**; **EVENING STAR**.

***STARK** (W. P. Stark)—Orig. E. H. Riehl, N. Alton, Ill.; listed 1910.

STAR OF THE WEST (S)—Orig. Mo.; int. about 1875. Berry large, round-conic, dark crimson, soft, insipid, poor; runners very numerous. Late.

STARRE'S SEEDLING (S)—Int. about 1865. Berry medium large, round-conic, scarlet, soft, good. Midseason.

STATEN ISLANDER—Orig. N. Y.; int. about 1860.

STAYMAN (P) (Stayman's No. 1)—Orig. James Stayman, Leavenworth, Kan.; int. about 1885. Berry medium, round-conic, necked, scarlet; flesh light red, medium firm, acid, good; runners numerous. Medium early.

***STELLA** (P)—Orig. 1893, J. H. Black, Son & Co., Hightstown, N. J., **BUBACH** x **SHARPLESS**; int. 1899. Berry medium large, irregular wedge-shape, light crimson; flesh light red, firm, sub-acid, fair; runners numerous. Medium late.

STEELING (P) (Stirling)—Orig. 1867, Matthew Crawford, Cuyahoga Falls, Ohio, from mixed seed, probably seedling of **LENNIG**; int. 1876. Berry large, oval-conic, necked, bright crimson; flesh light red, medium firm, acid, very good; runners numerous. Midseason.

STEUBEN SEEDLING—Orig. Steuben county, N. Y.; int. 1853.

***STEVENS** (S) (Stevens' Great American)—Orig. S. D. Stevens & Sons, Bridgeton, N. Y.; int. 1911. Berry large, conic, sometimes necked, crimson; flesh dark red, firm, acid, good; runners moderate. Midseason.

STEVEN'S EARLY (P)—Orig. 1888, J. Schnadelbach, Grand Bay, Ala. supposed **CRESCENT** x **NEUNAN**; int. 1890. Berry medium, roundish to wedge-conic, bright crimson; flesh medium red, medium firm, acid, fair; runners numerous. Early.

STEVENSON (P)—Orig. Edward Stevenson, Stevensville, Mich.; int. 1898. Berry small, round-conic, dark crimson; flesh medium red, medium firm, very good. Midseason. Stewart—See **STUART**.

STINGER'S SEEDLING (S) (Union)—Orig. 1861, W. H. Stinger, Philadelphia, Pa., seedling of **TRIOMPHE**; int. 1866. Berry large, roundish-oval to cox-combed, bright scarlet, medium firm, good; runners numerous. Medium early.

STODDARD'S SEEDLING Orig. about 1840, J. S. Stoddard, Palmyra, N. Y.; int. 1846, a seedling of the Alpine strawberry, and practically indistinguishable from it. More commonly listed as Washington Alpine.

***STOESSEL** (S) (Major Stoessel)—**GANDY** x **CLYDE**; listed in Md., 1907. Berry very large, round-conic, bright crimson; flesh light red, firm, sub-acid, fair; runners few. Late.

***STONE** (P) (Stone's Early)—Orig. C. C. Stone, Moline, Ill., **CRESCENT** x **PIPER**; int. about 1895. Berry medium to large, long-conic, bright scarlet; flesh light red, medium firm, fair; runners numerous. Early.

STONEWALL JACKSON—Int. about 1872.

STOUFFER (S)—Listed in Mich., 1901. Berry large, irregular round-conic, dark crimson, medium firm, sweet, fair; runners few. Midseason.

STREET'S SEEDLING (S)—Int. about 1893. Berry large, irregular ovate-conic, white tip, scarlet, acid, fair. Early.

STRICKLAND (P)—Orig. Edmund Gookin, Ponchatoula, La.; listed 1891. Berry large, oblong-conic, scarlet, acid. Late.

STROUSE CHAMPION (S)—Orig. David Strouse, Roger's Ford, Pa.; listed 1896. Berry long-conic, necked, scarlet; flesh medium red, good; runners numerous. Midseason.

STUART (S) (Stewart)—Seedling of **CRIMSON CONE**; int. before 1860. Berry medium, round-conic, dark crimson, firm, sweet, good; runners numerous. Early. Widely grown in Md. and Va., 1860-70. Distinct from **MARY STEWART**.

STUMP SEEDLING—Orig. Moorestown, N. J.; int. 1868.

***SUBURBAN**—Int. 1914. Berry large, conic, firm, good. Early.

SULTANA—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, orange scarlet; flesh whitish, good.

***SUCCESS** (of Hannah) (S)—Orig. A. J. Hannah, Whigville, Con., **BUBACH** x **MICHEL**; int. 1897. Berry medium, round-conic, sometimes irregular, bright crimson; flesh light red, medium firm, sub-acid, fair; runners numerous. Medium early. Has been valued for near markets in the East.

SUCCESS (of White)—Orig. N. B. White, Norwood, Mass., seedling of **JUCUNDA**; int. 1876. Berry large, firm, very good. Late.

Success—See **SAUNDERS' SUCCESS**.

SUCKER STATE (S)—Orig. about 1876, J. B. Miller, Anna, Ill., **GREEN PROLIFIC** x **WILSON**; int. 1885. Berry medium to large, round-conic, light crimson; flesh light red, very firm, sub-acid, good; runners numerous. Medium late. Popular in Ill. about 1888.

***SUE** (P)—Orig. James Stayman, Leavenworth, Kan.; int. about 1902. Berry small to medium, long-conic, necked, light scarlet; flesh whitish, soft, sub-acid, fair. Midseason.

SUGGS—Orig. Kan.; int. about 1902.

SUMMIT (P)—Orig. 1880, Matthew Crawford, Cuyahoga Falls, Ohio; int. 1887. Berry large, round-conic, dark scarlet, medium firm, very good; runners numerous. Late.

SUNAPEE (S)—Orig. N. J.; int. 1886. Berry small to medium, round-conic, dark crimson, soft, acid, good; runners numerous. Midseason.

***SUNDAY** (Billy Sunday) (S)—Orig. 1908, D. P. Yost, Lancaster, Ohio, chance seedling; int. 1914. Berry large, wedge-shape, light crimson, medium firm, sweet; runners numerous. Midseason.

***SUNNYSIDE** (P)—Orig. C. S. Pratt, Reading, Mass.; int. 1895. Berry large, irregular round-conic, light scarlet; flesh light red, medium firm, acid, good; runners numerous. Late.

***SUNNY SOUTH** (S)—Orig. Louis Hubach, Judsonia, Ark.; int. 1903. Berry medium, round-conic, necked, light scarlet; flesh light red, medium firm, acid, fair; runners moderate. Early.

Sunrise, or Early Sunrise—Syn. of **MICHEL**.

***SUNSET**—Orig. S. L. Watkins, Grizzly Flats, Calif., **ARIZONA** x “the wild strawberry of Nevada”; int. about 1903. Berry large, dark crimson, firm. Midseason to late.

***SUNSHINE** (P to semi-S)—Orig. Del.; int. 1900. Berry medium, irregular roundish, bright scarlet; flesh light red, firm, sub-acid, fair; runners numerous. Late.

***SUPERB** (of Cooper) (S)—Orig. 1908, Samuel Cooper, Delevan, N. Y., **AUTUMN** x **COOPER**, x **SHEEMAN**; int. 1911. Berry medium to large, roundish to round-conic, obtuse, dark crimson; flesh dark red, firm, mild sub-acid, very good; runners few. Early. An ever bearer.

SUPERB (of Albsugh)—Orig. B. F. Albaugh & Son, Covington, Ohio; int. 1896. Berry medium, round-conic, scarlet, soft, very good; runners moderate. Medium early.

Superb—See **PRINCE OF BERRIES**. **WILMOT'S SUPERB**, an English variety, has been listed here.

***SUPERIOR** (S to semi-S) (Early Superior)—Orig. Del. about 1888; int. about 1890. Berry medium, irregular wedge-conic, dark crimson; flesh medium red, firm, sub-acid, good; runners numerous. Medium early. Valued in a few localities, notably at Bridgeville, Del. **New Superior**, listed in 1913, is apparently merely a selection, not differing materially from the type.

Superior—See **MCAVOY'S SUPERIOR**.

SUPERLATIVE (P)—Orig. W. R. Prince, Flushing, N. Y., seedling of **BURR'S NEW PINE**; int. about 1855. Berry medium, conic, light scarlet, soft, good.

SUPREMA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, light scarlet, sub-acid.

SUPREME STAMINATE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, scarlet, good.

***SURPRISE** (of Truitt) (S) (Truitt's Surprise)—Orig. James Truitt, Chanute, Kan.; int. 1885. Berry medium to large, round-conic to wedge-conic, bright crimson; flesh medium red, firm, mild sub-acid, good; runners numerous. Midseason.

SURPRISE (of Durand)—Orig. E. W. Durand, Irvington, N. J.; int. about 1878. Berry round-conic, crimson, good. Also listed as Early Surprise.

SUSQUEHANNA—Orig. Washington, D. C.; int. 1879.

***SUSSEX** (Pride of Sussex)—Listed 1912.

***SUTHERLAND** (P to semi-S)—Orig. Eugene Sutherland, West Coxsackie, N. Y., seedling of **BUBACH**; int. 1899. Berry medium, round-conic, light crimson; flesh light red, medium firm, sub-acid, good; runners few. Midseason.

***SWEEDENBERG** (S)—Orig. Mr. Sweedenberg, Mich; int. 1910. Berry medium to large, round-conic, scarlet; flesh pale red, mild sub-acid, fair. Medium late.

Sweet Cluster—Syn. of **BUSH CLUSTER**.

***SWEETHEART** (S)—Orig. 1905, E. H. Burson, Clifton, N. Y., seedling of **MAXIMUS**; int. 1913. Berry medium to large, conic, light crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason.

SWINDLE (S to semi-S)—Orig. B. Smalley, Bradford, Vt., **JERSEY QUEEN** x **GLENDALE**; int. 1892. Berry medium, irregular, light crimson; flesh medium red, firm, very acid, good; runners moderate. Midseason to late. First sent out as “Crescent x Glendale,” although parentage is as given above.

SWITZER'S EARLY (S)—Orig. S. G. Switzer, Mendota, Ill., chance seedling; int. about 1880. Berry medium, medium firm, good. Very early.

***SYKES**—Orig. Kan.; int. about 1902.

SYLVANIA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, dark crimson; flesh dark red, acid, good.

***TABLE QUEEN** (S)—Int. by D. Brandt, Bremen, Ohio, about 1902. Berry small roundish, scarlet, insipid; runners numerous. Midseason.

***TAFT** (of Goldsborough) (P)—Orig. A. T. Goldsborough, Washington, D. C., **GOLDSBOROUGH** x **ROYAL STRAIGHT FLUSH**; int. 1906. Berry large, round-conic to wedge-shape, dark crimson; flesh dark red, firm, sweet, good; runners few. Midseason. There was also a **W. H. TAFT** int. from Binghamton, N. Y., and another **TAFT**, int. about 1900, but neither was described sufficiently for identification.

***TAMA JIM** (S)—Orig. Iowa; int. about 1901. Berry large, irregular-conic, bright crimson; flesh light red, medium firm, good; runners numerous. Late.

***TARDY** (S)—Orig. J. L. Herbst, Sparta, Wis.; int. about 1904. Berry large, conic, light crimson, firm, sub-acid, good; runners numerous. Late.

TAYLOR'S SEEDLING (P)—Orig. in "the Prairie States"; int. about 1848. Berry medium, long-oval, necked, light scarlet, firm, sweet. Midseason.

TECUMSEH—Listed in Ind., 1891. Very large.

***TEDDY ROOSEVELT** (P) (Teddy)—Orig. E. W. Townsend, Salisbury, Md., **AUTUMN** x **PAN-AMERICAN**; int. about 1910. Resembles **AUTUMN**.

***TENNESSEE** (of Hedges) (S) (Tennessee Prolific)—Orig. J. C. Hedges, east Tenn.; **CRESCENT** x **SHARPLESS**; int. about 1892. Berry medium, round-conic to wedge-conic, light crimson; flesh medium red, firm, sub-acid, good; runners numerous. Midseason. Has been a popular market sort. A good pollinator.

***TENNESSEE** (S) (Tennessee Favorite)—Listed in Va., 1912, described as "an improved **AEOMA**." Firm, late.

TENNYSON (S to semi-S)—Orig. T. R. Tennyson, northern Ark.; int. about 1895. Berry medium, round-conic, light scarlet, soft, good; runners numerous. Midseason. Resembles **EVANS**.

TERPSICHORE—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, bright scarlet. Very early.

Texas—Syn. of **EARLY HATHAWAY**.

The Hub—See **HUB**.



FIG. 15—**T H O M P S O N**—
FORMERLY AN IMPORTANT
SHIPPING VARIETY IN THE
SOUTH. (From Bul. 187,
N. C. State Dept of Agr.)

***THIRD CLASS** (P)—Listed in 1910. Berry medium, round-conic, crimson; flesh light red, soft, mild sub-acid, fair; runners moderate. Late.

THOMAS—Listed in Ind., 1887, as "New."

***THOMPSON** (S) (Lady Thompson; Thomsen)—Orig. 1894, D. A. Thompson, Mt. Olive, N. C., a chance seedling; int. 1895. Berry medium, conic, bright scarlet; flesh light red, medium firm, sub-acid, good; runners moderate. Early. Between 1898 and 1910 this was a standard shipping variety in the South; it is now mostly supplanted by **KLONDIKE**. It is a heavy yielding variety, especially on the poorer dryer soils, but the berries are too soft and light in color. It ripens a few days after **MICHEL**. Improved Lady Thompson, a selection from it, does not differ materially from the type. Lady Thompson No. 2, orig. by Mark T. Thompson, Rio Vista, Va., is a distinct seedling of it.

Thompson's Earliest—See **EARLIEST** (of Thompson).

Thompson's Late—See **LATE THOMPSON**.

Three W's, or W. W. W.—See **WALLACE**.

THROPP'S PONDEROSA—Listed in 1888.

***TILGHMAN** (P) (Tilghman's Favorite)—Orig. W. B. Tilghman, Salisbury, Md., int. about 1902. Berry large, long-conic, dark scarlet; flesh light red, firm, acid, good; runners numerous. Medium late. Resembles **HAVERLAND**.

***TIMBRELL** (P)—Orig. about 1887, H. S. Timbrell, Unionville, N. Y.; int. 1893. Berry medium to large, irregular roundish to wedge-conic, dark crimson, color mottled, unattractive; flesh dark red, medium firm, mild sub-acid, very good; runners few. Late. Valued for home use because of high quality; too unattractive color for market.

TIPPECANOE (S) (Badger)—Orig. J. H. Haynes, Delphi, Ind., from mixed seed imported from France; int. 1890. Berry medium to large, roundish, bright scarlet; flesh light red, medium firm, good; runners numerous. Medium early.

***TIP-TOP** (P)—Int. 1913 as "similar in plant and fruit to **BUBACH**, but firmer." Early.

***TODD** (P) (Todd's Late Champion)—Orig. W. S. Todd, Greenwood, Del., chance seedling; int. 1915. Berry large, round-conic, light crimson, medium firm, good; runners moderate. Late.

Todd—See **JAMES TODD**.

TOGO—Orig. Md. Agr. Exp. Sta., College Park, Md., **JOHNSON** x **TENNESSEE**; int. 1907. Berry medium, conic, crimson; flesh medium red, soft, sub-acid, good. Late.

TOGO SENIOR—Orig. Md. Agr. Exp. Sta., College Park, Md., **JOHNSON** x **TENNESSEE**; int. 1908. Berry large, round-conic, dark crimson; flesh medium red, medium firm, sub-acid, good. Late.

TOM WALKER (P)—Orig. Thomas C. Walker, Barnesville, Ohio; **SHARPLESS** x **MANCHESTER**; int. about 1892. Berry large, round-conic, dark crimson; flesh dark red, firm, good; runners numerous. Midseason.

TONGA (P)—Orig. James Stayman, Leavenworth, Kan.; int. about 1895. Berry medium, irregular round-conic, dull scarlet, fair; runners numerous. Medium late.

TOPEKA (P)—Orig. James Stayman, Leavenworth, Kan.; int. about 1892. Berry medium, long-conic, dark crimson, medium firm, good. Midseason.

***TOWNSEND** (S) (Lady Townsend)—Orig. E. M. Townsend, Salisbury, Md.; int. 1908. Berry small to medium, long-conic to round-conic, dark crimson; flesh dark red, firm, brisk sub-acid, good; runners moderate. Early.

Townsend's Seedlings—Seedlings of Geo. Townsend, Gordon, Ohio, tested about 1889. See **FRANCES CLEVELAND**.

Townsend's Late Champion—See **LATE CHAMPION**.

TRANSCENDANT SCARLET—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, dark scarlet, sweet, good.

Tree Strawberry—A humbug. Usually a very old plant, with a long root stalk; sometimes a thick runner trained to a stick. The strawberry tree (*Euonymus*) and *Rubus rosae-folius* have been sold under this name.

TREBLA—Orig. Albert F. Etter, Ettersburg, Calif. A composite of *F. chiloensis*, *F. vesca*, *F. californica* and modern varieties; int. 1916.

TREVIRANA (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, light scarlet, sub-acid.



FIG. 16—**TRIOMPHE**—
A FLEMISH VARIETY THAT
HAS BEEN SUCCESSFUL IN
NORTH AMERICA UNDER
HIGH CULTURE.

***TRIOMPHE** (S) (*Triomphe de Gand*; *Triumph*)—Orig. by M. de Jonghe, Brussels, Belgium; int. into North America by Ellwanger and Barry, Rochester, N. Y., about 1855. Plant large but grows slowly to maturity; leaf stalks long, smooth; runners moderate; fruit stalks long, stiff; berries large, roundish or coxcombed, bright light crimson; flesh whitish, firm; flavor mild sub-acid; quality very good. Late. This variety and **JUCUNDA** are the only foreign sorts that have achieved prominence in North America. Like that variety, it does best under hill training and requires high culture. Between 1860 and 1870, it was widely grown in the East. It is still esteemed under intensive culture, especially on the Pacific coast. Before the introduction of **CLARK** it was considered the best shipping variety in Oregon. **TRIOMPHE de GHENT** is a distinct variety, of foreign origin, tested here about 1884.

TRIPLE CROWN (S)—Orig. Wm. Hunt, Waterloo, N. Y.; int. about 1880. Berry medium, round-conic, necked and ribbed, dull crimson; flesh light red, firm, mild sub-acid, very good; runners numerous. Midseason.

TRIUMPH (of Prince)—Orig. W. R. Prince, Flushing, N. Y., seedling of **OLD SCARLET**; int. about 1855. Berry medium, conic, light scarlet, mild sub-acid. Very early.

Triumph—See **CUMBERLAND TRIUMPH**; **GEORGE**; **GEORGIA TRIUMPH**.

TRIUMPHANT SCARLET (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, light scarlet, sub-acid. Midseason.

TRIUMPH OF AMERICA—Orig. 1866, Burlington, N. J.; int. 1868. Berry large crimson, sweet. Late.

Triumph of Cumberland—See **CUMBERLAND TRIUMPH**.

TRIUMVIRATE (S)—Orig. W. R. Prince, Flushing, N. Y., seedling of **IOWA** (of Cincinnati); int. about 1855. Berry large, obtuse-conic, light scarlet, good.

TROUBADOUR (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about about 1855. Berry large, conic, scarlet, good.

TROLLOPE'S VICTORIA (S) (Victoria; Queen of the West; Golden Queen; Boyden's Mammoth; Twemly's Union)—Orig. 1849, L. Trollope, Bath, Eng.; int. here soon after. Berry large to very large, round-conic, light crimson; flesh light red, medium firm, sweet, good; runners moderate. Midseason. The numerous American synonyms evidence the wide popularity of this variety 1854-75.

TEOPHY (S)—Listed in Ohio, 1899. Berry large, round-conic, scarlet, firm, fair.

TRUCKERS NO. 1—Listed 1900. Berry large, oblong-conic, scarlet; flesh light red, medium firm, sub-acid, good. Midseason.

Truitt's Surprise—See **SURPRISE**.

TRUMPET—Orig. J. Keech, Waterloo, N. Y.; int. 1868. Berry scarlet, sub-acid.

***TUBBS** (S)—Orig. John Tubbs, Glen Burnie, Md.; int. 1894. Berry medium, round-conic, bright crimson; flesh medium red, firm, mild sub-acid, good; runners numerous. Medium early.

TUCKER (S)—Orig. Isaac Classon, Osage, Iowa; int. about 1893. Berry medium to large, bright crimson.

TURNER'S BEAUTY (S)—Orig. Joseph Turner, Moorestown, N. J.; int. 1869. Berry medium, roundish, crimson, soft, mild sub-acid, very good. Early. The same originator offered at this time **TUENER'S FAVORITE** (S), **TURNEE'S PROLIFIC** (P), **TURNER'S NONESUCH** (S), and **TURNER'S QUEEN** (P), all differing but slightly from **TURNER'S BEAUTY**.

***TWILIGHT** (S)—Orig. Mo.; int. about 1900. Berry medium, round-conic to wedge-conic, bright crimson; flesh medium red, firm, sub-acid, good; runners moderate. Midseason.

***TWILLEY** (S)—Orig. about 1906, W. J. Twilley, Cambridge, Md., chance seedling; int. 1910. Berry medium to large, oblong to wedge-conic, dull crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Midseason.

***UNCLE JIM** (S) (Dornan)—Orig. 1898, J. F. Dornan, Glenn, Mich., chance seedling; int. 1902, as **UNCLE JIM**. Later the Mich. State Hort. Soc. re-named it Dornan, but the original name should stand. Berry large, irregular round-conic, light crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Medium late. Very similar to if not identical with **NEW YORK**, and several other varieties.

***UNCLE JOE** (S) (Vick's Uncle Joe)—Orig. John Howard, Irondequoit, N. Y.; int. 1906. Berry medium, round-conic to irregular wedge-shape, scarlet; flesh light red, medium firm, mild sub-acid, good; runners numerous. Medium early.

***UNCLE SAM** (of Snow) (S)—Orig. 1894, F. E. Snow, Ada, Ohio, seedling of **HERALD**; int. 1901. Berry medium to large, round-conic, light crimson; flesh whitish, medium firm, sub-acid, good; runners few. Medium late.

***UNCLE SAM** (of Mo.) (S)—Orig. 1909, St. Louis, Mo., parentage unknown, possibly unidentified old variety; int. 1913. Berry small to medium, round-conic obtuse, dull dark crimson; flesh dark red, firm, brisk sub-acid, fair; runners few. Early. Resembles **OZARK**.

***UNCLE SETH**—Listed from Pennsylvania in 1914.

UNDERWOOD'S SEEDLING—Orig. W. J. Underwood, Belmont, Mass., seedling of **LA CONSTANTE**; int. about 1868. Berry firm; flesh white, good; runners numerous.

Union—See **STINGER'S SEEDLING**; also refers to Twemly's Union, a syn. of **TROLLOPE'S VICTORIA**.

Unique Prairie—Syn. of **NECKED PINE**.

UNIQUE SCARLET (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry medium, obovate, light scarlet, sweet, very good.

UP TO DATE (S)—Orig. 1893, J. E. Bever, Keithsburg, Ill.; supposed **HAVERLAND** x **JESSIE**; int. 1898. Berry small, round-conic, light crimson; flesh medium red, soft, poor; runners numerous. Medium early.

VALENCIA (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, obtuse-conic, dark scarlet, good.

***VALERIA**—Orig. 1906, Central Exp. Farm, Ottawa, Canada. Runners numorous. Listed 1913.

VALLEY—Orig. about 1865, J. C. Neff, Duncan's Falls, Ohio, seedling of **JUCUNDA**; int. about 1869. Berry oval, dark crimson, sweet.

***VALLEY PRIDE** (P) (Pride of the Valley)—Orig. about 1900, H. M. Martin, Stark county, Ohio, chance seedling in old bsd of **GANDY**; int. 1906. Berry large, conic, dark crimson; flesh dark red, firm, good. Midseason.

***VAN DEMAN** (S)—Orig. about 1885, J. C. Bauer, Judsonis, Ark., **CRESCENT** x **CAPTAIN JACK**; int. 1892. Berry medium, round-conic, bright crimson; flesh medium red, firm, sub-acid, good; runners moderate. Very early. Grown to some extent in the South as a pollinizer for **WARFIELD**. Lacks productiveness.

VAN DE MARK (P)—Orig. E. Van De Mark, Clinton, Mich.; int. 1899. Berry medium, round-conic, dark crimson; flesh dark red, firm, very good; runners moderate. Midseason.

***VANDEVERE** (S)—Orig. St. Catharines, Ont.; listed 1903. Said to be seedling of **VAN DEMAN**, which it resembles.

***VANFLEET** (S) (Doctor Van Fleet)—Orig. J. H. Black, Son & Co., Hightstown, N. J.; int. 1903. Berry large, round-conic, very dark crimson; flesh dark red, medium, firm, sweet, very good; runners moderate. Early.

***WALNUT STUMP** (S)—Orig. about 1900, Sylvanus Gordon, Sergeantsville, N. J., **BUBACH** x **MINER'S PROLIFIC**. Berry medium, round-conic, light crimson; flesh medium red, medium firm, acid, fair; runners numerous. Late.

***VAN SANT** (S) (Governor VanSant; Genersl VanSant)—Orig. Wis.; int. about 1906, John A. Salzer, La Crosse, Wis. Berry large, round-conic, necked, crimson, medium firm, good; runners numerous. Midseason.

***VELVET** (P)—Orig. 1891, R. C. Cronk, Oregon, Wis., **BUBACH** x **JESSIE**; int. about 1898. Berry medium, round-conic, dull dark crimson; flesh dark red, medium firm, mild sub-acid, fair; runners few. Midseason.

***VEERA** (P)—Orig. E. B. Stevenson, Freeman, Ont., chance seedling; int. about 1895. Berry medium, conic, dark crimson; flesh medium red, medium firm, good; runners numerous. Medium early.

VICI—Listed in Kan., 1899.

Vick—See **JAMES VICK**.

Vick's Uncle Joe—See **UNCLE JOE**.

VICOMTESSE HERICORT DE THURY (S) (Countess; Countess de Haricourt)—Orig. about 1845, J. Jamin Bourg, La Reine, Paris, France, seedling of **ELTON**; int. here about 1852. Berry medium to large, irregular-conic, dark scarlet; flesh light red, firm, sub-acid, good; runners moderate. Early. Grown considerably about 1860, especially in the Mississippi Valley; but most of the plants sold under this name, and still grown to a limited extent, especially in Minn., are **DOWNER**.

***VICTOR** (S) (Big Victor)—Orig. 1893, D. J. Miller, Millersburg, Ohio, parentage unknown; int. 1904. Berry medium to large, irregular round-conic, dull dark crimson; flesh dark, firm, mild sub-acid, fair; runners very few. Medium late.

Victor—See **EARLY VICTOR**.

VICTOR HUGO (S) (Hugo)—Int. 1892, Oakley Apgar, Califon, N. J. Berry medium large, round-conic, light crimson, medium firm, mild sub-acid, good; runners moderate. Medium early.

Victoria—Mostly refers to **TROLLOPE'S VICTORIA**; also to **VICTORIA OVATA**, an English variety tested here about 1867.

VICTORINE (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, conic, light scarlet, firm, good.

TRINITY (S)—Orig. G. W. Huntsman, Flushing, N. Y.; int. about 1879. Berry medium, irregular-roundish, scarlet, soft, mild sub-acid, good.

***VICTOR WALKER** (S)—Listed in Tex., 1904. Berry medium, oblong-conic, crimson, very good; runners numerous. Midseason.

Victory (S)—Orig. W. S. Carpenter, N. Y.; listed 1867. Berry large, light scarlet, soft, poor.

VINELAND (S) (Lord's Seedling)—Orig. Mr. Lord, Vineland, N. J.; int. about 1885. Berry medium large, round-conic, crimson, medium firm, acid, good; runners numerous. Medium late.

VINELESS—Orig. James Nimon, Denison, Tex., seedling of **PARKER EARLE**; listed 1896. Berry large, long, crimson, good; runners practically none. Late.

***VIOLA** (of Cent. Exp. Farm) (P)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **WILLIAM BELT**; int. 1913. Berry large, conic to wedge-shape, crimson; flesh dark red, firm, brisk sub-acid, good; runners moderate. Medium late.

VIOLA (of Kershaw) (S)—Orig. 1884, Mr. Kershaw, Delaware county, Ohio, **GREEN PROLLIFIC** x **SHARPLESS**; int. 1889. Berry medium to large, conic, light crimson; flesh medium red, firm, poor; runners numerous. Midseason. Believed by some to be identical with **MONARCH**.

***VIRGILINA** (P)—Orig. 1906, Central Exp. Farm, Ottawa, Canada, seedling of **WILLIAM BELT**; int. 1913. Berry large, roundish to wedge-shape, dark crimson; flesh dark red, medium firm, sub-acid, good; runners moderate. Midseason.

***VIRGINIA** (P) (East's Seedling)—Orig. T. J. Custis, Accomac county, Va., **HOFFMAN** x **SHARPLESS**; int. 1906. Berry medium, round-conic to roundish wedge-shape, bright crimson; flesh medium red, medium firm, acid, fair; runners moderate. Medium early.

Virginia Scarlet—Syn. of **OLD SCARLET**.

VORIES (S) (Virous; Voorhees)—Orig. 1892, T. H. Vories, Wathena, Kan., chance seedling; int. 1897. Berry medium, round-conic, dark scarlet; flesh light red, soft, sweet, good; runners numerous. Midseason.

VORIS QUEEN (Voorhis Queen)—Orig. New Rochelle, N. Y.; int. about 1860. Berry medium, dark scarlet, good.

WABASH (S)—Orig. J. A. Foote, Crawfordsville, Ind.; int. 1887. Berry large, irregular round-conic to ovate, dark crimson; flesh dark red, medium firm, very good; runners moderate. Late.

WAKEFIELD (P)—Listed in Ill., 1895.

WALDEN (P)—Orig. John B. Moore, Concord, Mass.; int. about 1880. Berry medium to large, round-conic, light crimson, medium firm, very good; runners moderate. Late.

***WALDOFF** (S)—Orig. W. VanFleet, Little Silver, N. J., **PRESIDENT** x **WILLIAM BELT**; int. 1909. Berry large, roundish to round-conic, slightly necked, scarlet; flesh light red, medium firm, sweet, good; runners moderate. Medium early.

WALDRON (P)—Orig. about 1882, Chas. Waldron, Manchester, Ohio; int. 1891. Berry medium, round-conic, bright scarlet, medium firm, good; runners numerous. Midseason. Confused with **WALTON**.

WALKER'S SEEDLING (S)—Orig. 1842, Samuel Walker, Roxbury, Mass.; supposed seedling of **BLACK PRINCE**; int. 1852. Berry medium, conic, very dark crimson; flesh dark red, soft, acid, very good. Midseason.

Walker—See **TOM WALKER**; **VICTOR WALKER**.

***WALLACE** (S) (Three W's; W. W. W.)—Orig. 1901, W. W. Wallace, Harriman, Tenn., chance seedling; int. 1906. Berry medium, round-conic, acute, dark crimson; flesh dark red, medium firm, mild sub-acid, good; runners few. Midseason.

WALTER—Listed in Mo., 1884, as "New."

***WATHENA** (S) (Wathens)—Orig. Wathens, Kan.; int. about 1909. Berry large, firm, good; runners numerous. Resembles **PARKER EARLE**.

WALTON (P)—Orig. 1886, Silas Walton, Moorestown, N. J.; int. about 1890. Berry small to medium, round-conic, bright scarlet; flesh light red, medium firm, good; runners moderate. Medium early.

WARD'S FAVORITE (P)—Orig. I. M. Ward, Newark, N. J.; int. about 1858. Berry medium, round-conic to roundish, dark crimson, firm, good.

WARDLOW (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, scarlet. Early. A variety of the "Scarlet."

***WARFIELD** (P)—Orig. about 1882, C. B. Warfield, Sandusky, Ill., a chance seedling, thought to be **CRESCENT** x **WILSON**; int. in 1885. Plant erect; leaflets medium in size and color, sharp-toothed; runners very numerous; fruit stalks long, stout; berry medium conic, glossy dark crimson; calyx large, easily detached; seeds prominent, protruding; flesh dark red, firm, fine-grained; core red, solid; flavor acid, quality fair. Early. Between 1890 and 1900 **WARFIELD** was grown more than any other early variety; the "big four" of that period were **CRESCENT**, **BUBACH**, **HAVERLAND** and **WARFIELD**, all pistillate sorts. It is still valued, especially in the Mississippi Valley. **WARFIELD** is a handsome berry, an excellent shipper, a good cropper and stands frost better than most varieties, but it cannot

endure hot weather, and does not carry out the crop unless there is plenty of moisture. It makes too many plants; these must be thinned severely for best results. **WARFIELD** is

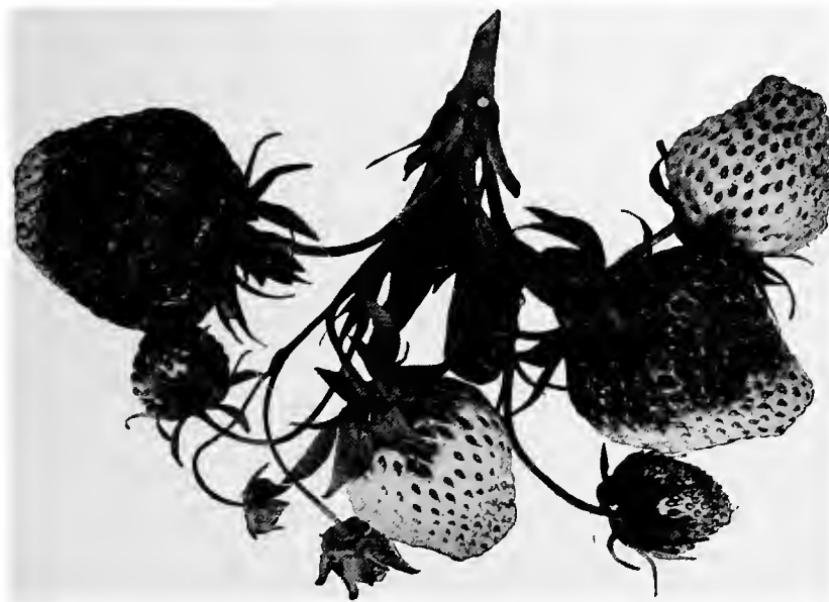


FIG. 17—**WARFIELD**—A STANDARD EARLY SORT, VALUED ESPECIALLY IN THE MISSISSIPPI VALLEY. (From *Fruit Branch*, Dept. of Agriculture, Ontario.)

commonly pollinated with **EXCELSIOR** or **CLIMAX** for early, and **DUNLAP** for late. It is especially valuable for canning.

Warfield—See **HATTIE WARFIELD**; **WINNIE WARFIELD**.

***WARFIELD PRIZE** (S)—Listed in 1907. Berry large, light crimson, good. Midseason.

WARNER—Listed in Ark., 1889.

***WARREN** (of Thompson) (P)—Orig. 1898, Mark T. Thompson, Rio Viata, Va., seedling of **CARRIE**; int. 1904. Berry large, round-conic, dark crimson; flesh dark red, firm, good; runners numerous. Late.

***WARREN** (of Masa.) (S)—Orig. S. H. Warren, Auburndale, Mass.; int. 1914. Berry large, round-conic, dark crimson; flesh red, firm, sub-acid, very good; runners moderate. Early.

WARREN (of Prince) (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, roundish, scarlet.

WARREN (of Webb) (S)—Orig. A. D. Webb, Bowling Green, Ky.; int. 1876. Berry large, round-conic, dark crimson, medium firm, good; runners numerous. Early. Grown commercially somewhat about 1880.

Warren—See **GENERAL WARREN**. **WARREN'S SEEDLING**, Warren's Methven, (an English variety) was grown here about 1840.

WAERRINGTON—Orig. W. E. Prince, Flushing, N. Y., seedling of **SWAINSTONE** (an English variety); int. about 1855. Berry large, obconic, dark scarlet.

Washington—Mostly refers to **IOWA** (of Cincinnati). See also **GREAT WASHINGTON**; **GEORGE WASHINGTON**.

Washington Alpine—See **STODDAED'S SEEDLING**.

WATEES—Listed in 1896. Berry large, conic, "of **JERSEY QUEEN** type."

WATSON (P)—Listed in Ont., 1897. Berry crimson, soft. Midseason.

WAVERLY (P)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry large, oblong-conic, dark scarlet, firm, good.

Wayne County Eureka—Syn. of BEYANT.

WAX BERRY—Orig. Elias Canfield, N. J.; int. 1868.

*WEALTHY Listed in Kan., 1906. Tender.

WEATHERS—Orig. L. C. Weathers, Mass. Listed 1903.

Wedding Feast—Syn. of SCARLET.

WEHRLEY'S SEEDLING—Probably orig. Mass.; int. about 1869. Berry medium to large, round-conic, scarlet, firm; runners numerous. Midseason.

WELCH (S)—Listed in Md., 1891. Midseason.

WELCOME (S)—Orig. W. R. Prince, Flushing, N. Y.; int. about 1855. Berry small, conic, light scarlet, firm, sweet, good. Early.

WELTON (S)—Listed in Mich., 1899. Berry round-conic, crimson, medium firm, poor. Midseason. Possibly same as MELTON.

WENTZELL (S) (Wetzell)—Orig. F. R. Wentzell, Monroeville, N. J.; int. about 1892. Berry medium to large, round-conic to ovate, very light scarlet; flesh whitish, soft, sweet, good; runners numerous. Midseason.

WESLEY (P)—Listed in Ont. 1898. Berry small, round-conic, crimson, firm. Early.

WESTBROOK (P) (Westerbrook)—Orig. about 1882, C. W. Westbrook, Mt. Olive, N. C., supposed CRESCENT x NEUNAN; int. 1890. Berry small to medium, conic, dark crimson, firm, acid, poor; runners moderate. Early. Improved Westbrook, listed in 1901, is probably a selection.

WESTERN PROLIFIC—Listed in Calif., about 1898. Probably orig. S. L. Watkins, Grizzly Flats, Calif.

WESTERN QUEEN (P)—Orig. 1849, J. P. Kirtland, Cleveland, Ohio; int. 1851. Berry medium to large, round-conic, dark crimson, firm, sub-acid, good. Midseason.

WESTERN UNION (S)—Orig. F. G. Withoft, Dsytion, Ohio, chance seedling; int. about 1885. Western Union—BUBACH was quite widely grown in Del. and Md. about 1895 under this name.

WESTLAWN (P)—Orig. J. C. Bauer, Judsonia, Ark., seedling of LONGFELLOW (of Webb); int. about 1894. Berry medium to large, round-conic, dark scarlet; flesh light red, firm, acid, good; runners numerous. Midseason.

WESTON (P) (Blue Vine No. 28)—Orig. E. A. Weston, Susquehanna county, Pa.; int. about 1891. Berry medium to large, irregular round-conic, bright crimson, medium firm, sweet, good; runners moderate. Midseason.

Wetzell—See WENTZELL.

Wherry—See SAM WHERRY.

WHITE ALPINE (S) (White Monthly)—Orig. Europe; int. here before 1820. Berry small, long-conic, white; flesh pure white, soft, very sweet, very good; runners few. Has been valued in Canada, especially in Quebec, for its hardiness, as it stands the lowest temperatures without mulching. Marked everbearing tendency there.

White Albany Seedling—Syn. of LENNIG.

WHITE NOVELTY (S)—Orig. N. J. seedling of the Alpine; int. about 1892. Practically same as the ALPINE.

White Kissena—Syn. of KISSENA.

White Pinesapple—Syn. of LENNIG.

WHITNEY (S)—Orig. Wash.; int. about 1895. Berry small to medium, irregular, bright scarlet, medium firm, good. Late.

WICOMICO (P)—Orig. A. J. Allen, Salisbury, Md.; int. about 1894. Berry medium, light crimson, soft. Medium early.

*WIDE-AWAKE—Orig. Louis Hubsch, Judsonia, Ark.; int. 1915. Berry large, firm, good. Medium early.

WIELAND (S)—Int. about 1886. Berry small, round-conic, bright scarlet; flesh light red, soft, good. Midseason.

WILDING (S)—Orig. A. N. Jones, Le Roy, N. Y.; int. 1878. Berry medium large, round-conic, light crimson; flesh medium, red, medium firm, good. Midseason.

Wild Wonder—See WONDER (of Shank.)

***WILDWOOD** (P to semi-S)—Orig. Iowa; int. 1911. Berry medium, light scarlet; flesh soft, good; runners numerous. Early.

***WILKINS** (P) (Wilkins' Early)—Int. 1913. Berry medium, conic, crimson, firm, good; runners numerous. Very early.

***WILL** (S)—Orig. C. F. Gardner, Osage, Iowa; listed 1913 as "a new everbearer." Willard—See **FRANCES WILLARD**.

WILLEY (P) (Wiley)—Int. 1849. Berry medium, roundish, dark crimson, firm, acid, fair. Resembled **HUDSON'S BAY**. Believed by some to be syn. of **ALICE MAUD**, but apparently distinct.



FIG. 18—**WILLIAM BELT**
—WIDELY GROWN FOR
HOME USE AND NEAR
MARKET BECAUSE OF ITS
HIGH QUALITY (From
Fruit Branch, Dept. of
Agriculture, Ontario)

commercial variety in Canada, especially in southern Ont., and is still valued.

***WILLIAMS** (of Va.) (Williams' Favorite)—Orig. Va.; int. 1915. Berry large, firm; runners few. Very late.

Williams—See **FREMONT WILLIAMS**.

WILL TATE (S)—Orig. E. W. Tate, Evergreen, Ala.; int. about 1895. Berry large, firm; runners few.

WILL WARFIELD (S)—Orig. W. W. Sewall, Carthage, Mo.; int. about 1897. Berry conic, bright scarlet, very firm, fair. Medium late.

***WILSON** (S) (Wilson's Albany)—Orig. 1861, James Wilson, Albany, N. Y., from mixed seeds of **HOVEY**, **ROSS' PHOENIX** and **BLACK PRINCE**, grown without hand-crossing, but open to natural cross-pollination; int. 1854. Plants of medium size, rather spreading; foliage large, dark green; runners moderate; fruit stems of medium length, erect, branched; berry medium, regular round-conic, dark crimson; seeds even with the surface, rather prominent; flesh dark red, very firm; core solid; flavor acid; quality good. Medium early. **WILSON** is the most cosmopolitan of all North American varieties. Between 1860 and 1885, it was grown more than all other varieties together and practically monopolized the market until forced to share this distinction with **CRESCENT**. "It is safe to say that nine-tenths, if not nineteen-twentieths of all the berries grown in the United States are of this variety," said J. M. Smith in 1879. At the height of its popularity it was one of the most vigorous and productive varieties ever grown, and thrived under conditions of neglect that would have starved other sorts. It colors very early, so it has been picked and marketed while still unripe and very sour; when fully ripe, the quality is good. After the first two pickings the berries rapidly diminish in size. The **WILSON** is quite susceptible to leaf-blight; this was one of the causes for its rapid decline after 1885. It is still grown considerably, especially in eastern Canada, British Columbia, Oregon, and other parts of the West, where it is valued especially for canning. It is an excellent pollinator for pistillate sorts. Improved Wilson, and Wilson, Jr., the latter int. 1894 by F. L. Ray, E. Clarendon, Ohio, did not differ materially from the type. (Figured on front cover.)

***WILLIAM BELT** (S)—Orig. about 1888, William Belt, Mechanicsburg, Ohio; int. 1896. Plant rather spreading; leaflets of medium size, light green; runners numerous; fruit stalks long, stiff; berry large, first fruits very irregular, later ones wedge-conic, bright crimson; calyx medium, easily detached; seeds medium, about even with the surface; flesh medium red, medium firm, fine-grained; core pink, partly hollow; flavor mild sub-acid; quality very good to best. Medium late. **WILLIAM BELT** vies with **MARSHALL** as a dessert variety. It is widely grown for home use and for a fancy near market. It is one of the best flavored berries grown, but is rather uncertain in yield and rustic badly in some sections. **WILLIAM BELT** is of the Sharpless type, both in plant and berry, but more productive. It thrives best in moist soils and fails in sands. The runners should be restricted for best results. It is a good pollinator for pistillate sorts.

WILLIAM EARLY Orig. Ark.; listed 1893. Berry said to resemble **MICHEL**, but larger and firmer.

***WILLIAMS** (of Ont.) (S) (Prince of Orange)—Orig. Mr. Williams, Burford, Ont., **CRESCENT** x **SHARPLESS**; int. 1890. Berry large, round-conic to wedge-conic, dark crimson, often with white tip; flesh dark red, firm, sub-acid, good; runners numerous. Midseason. Has been a popular variety in southern Ont., and is still valued.

WILTON (S)—Orig. B. L. Carr, Saratoga Springs, N. Y.; int. about 1894. Berry small to medium, round-conic, firm, good; runners moderate. Midseason.

***WINCHELL (P)** (Winchell Beauty)—Int. about 1902. Berry medium to large, round-conic, light crimson; flesh light red, medium firm, mild sub-acid, fair; runners numerous. Midseason.

***WINDSOR (P)** (Windsor Chief)—Orig. 1875, C. A. Gardner, Dimondale, Mich., **CHAMPION** x **CHAS. DOWNING**; int. 1878. Berry medium to large, round-conic, light crimson; flesh medium red, medium firm, acid, good; runners numerous. Midseason. Practically identical with **CHAMPION**, one of its reputed parents, and has largely displaced that variety. Valued for near markets.

Wine—Syn. of **DUNLAP**.

WINNEPEG—Listed in Del., 1897, as "New."

***WINNER (S)**—Orig. about 1909, W. E. Shoemaker, Laceyville, Pa., chance seedling; int. 1912. Berry large, long-conic to irregular wedge-shape, dull light crimson; flesh medium red, firm, mild sub-acid, fair; runners numerous. Early.

WINNIE WARFIELD (P)—Orig. W. W. Sewell, Carthage, Mo.; int. about 1897. Berry large, round-conic to wedge-shape, scarlet; flesh medium red, medium firm, acid, fair; runners numerous. Late.

***WISCONSIN (S)** (Wisconsin Giant)—Int. about 1895, J. A. Salter, La Crosse, Wis. Berry large, round-conic, bright crimson; flesh light red, medium firm, acid, good; runners numerous.

WISCONSIN SEEDLING (S) (Great Wisconsin; Wisconsin Perpetual)—Orig. Emil Rothe, Watertown, Wis., seedling of **TRIOMPHE**; int. about 1861. Berry medium; flesh white, good. Wizard of the North—Some plants sent out under this name about 1861 proved to be Boyden's Mammoth, which is a syn. of **TROLLOPE'S VICTORIA**, and not the true variety, which was orig. 1857 by Robertson, in Scotland.

W. J. Bryan—See **BRUNN**.

***WONDER (of Sampsel) (S)** (Sampsel's Wonder)—Orig. 1899, S. A. Sampsel, Sandusky, Ohio; int. 1903. Berry large, conic, slightly necked, light crimson; flesh light red, firm, mild sub-acid, good; runners numerous. Medium late.

***WONDER (of Shank) (S)** (Wild Wonder)—Orig. John Shank, Sterling, Ill., said to be a wilding of **F. virginiana**; int. 1904. Berry small to medium, roundish to round-conic, bright crimson; flesh light red, medium firm, mild sub-acid, poor; runners very numerous. Early.

Wonder—See **BROWN'S WONDEE**; **KEVITT**; **MANITOBA WONDER**; **WORLD'S WONDER**.

WONDERFUL (P)—Orig. Ohio; int. 1884. Berry large, irregular-roundish, light crimson; flesh medium red, medium firm, acid, good; runners numerous. Midseason. Resembled **WINDSOR** and **CHAMPION**. Distinct from the **WONDERFUL** of English origin, int. here in 1857, and again in 1900.

Wonder of the World—See **WORLD WONDER (of Stshelin)**.

Wood—Refers mostly to **BEDER WOOD**. Also to **RED WOOD**, the *F. vesca* of Europe, which was grown here considerably, especially near Boston, Mass., until about 1845. **WHITE WOOD**, a white variety of the same species, was grown to a lesser extent.

WOODHOUSE (P)—Int. about 1886. Berry medium, very good. Early. Tender. Possibly foreign.

WOODMANSE (P)—Listed in Mo., 1891. Berry medium soft, good; runners few. Midseason. Possibly same as **WOODHOUSE**.

***WOODROW (S)** (Early Woodrow)—Listed 1916.

WOODRUFF (S)—Orig. 1872, Charles H. Woodruff, Ann Arbor, Mich., seedling of **Warfield No. 2**, which was **AGRICULTURIST** x **JUCUNDA**; int. about 1879. Berry large, long-conic, dark crimson, firm, good. Midseason. Tender.

WOOLL (P)—Listed in Ont. Berry medium, irregular round-conic, dark crimson, firm, good; runners numerous. Medium early.

***WOOLVERTON (S)** (Wolverton)—Orig. John Little, Granton, Ont.; int. 1891. Berry large, conic to wedge-conic, crimson; flesh medium red, medium firm, mild sub-acid, good; runners moderate. Midseason. Has been a popular market sort in many sections. A good pollinizer.

***WOOSTER (P)** (Worcester)—Orig. 1904, E. W. Wooster, S. Hancock, Me., chance seedling, supposed **SAMPLE** x **CLYDE**; int. 1908. Berry large, regular round-conic, light crimson; flesh light red, medium firm, mild sub-acid, good; runners moderate. Medium early. Resembles **CLYDE**.

***WORLD CHAMPION** (S to semi-S)—Int. about 1896. Berry medium, roundish, dark crimson, often with white tip; flesh medium red, medium firm, sub-acid, fair; runners numerous. Late.

***WORLD WONDER** (of Parsons) (S to semi-S)—Orig. R. G. Parsons, Parsonsburg, Md.; int. 1906. Berry medium, round-conic to wedge-shape, obtuse, bright crimson; flesh light red, medium firm, acid, good; runners moderate. Midseason.

***WORLD WONDER** (of Stahelin)—Int. 1914, F. C. Stahelin, Bridgeman, Mich.

***WORLD WONDER**—Listed in 1908 as "Orig. Mr. Wood, of N. Y."

W. P. Stark—See **STARK**.

***WREN** (P)—Orig. E. H. Richl, N. Alton, Ill., seedling of **DUNLAP**; int. about 1907. Berry medium to large, firm, very good. Midseason to late.

WRIGHT'S SEEDLING—Listed in Ill., 1874.

WYATT (S)—Orig. Ezra G. Smith, Manchester, N. Y.; int. about 1896. Berry medium, round-conic, dark crimson, medium firm, very good. Midseason. Resembled **HOMESTEAD**.

***WYOGA** (P)—Listed in Ohio, 1906. Berry medium, long-conic, dark crimson; flesh medium red, firm, sweet, fair. Late.

WYOMING (S)—Orig. Del.; int. about 1894. Berry medium, round-conic, light scarlet, medium firm, good. Midseason.

YAHOO (S)—Orig. James Stayman, Leavenworth, Kan., seedling of **AROMA**; int. about 1894. Berry large, long-conic; runners numerous. Early.

***YALE** (S) (Gale)—Orig. 1883, Stephen Hoyt & Sons, New Canaan, Conn., chance seedling near Yale College campus; int. 1888. Berry medium, round-conic, dark crimson; flesh dark red, very firm, good; runners moderate. Late.

***YALU** (S)—Orig. 1904, Maryland Agr. Exp. Station, College Park, Md., **JOHNSON** x **STAR**. Berry medium, round-conic, dark crimson; flesh light red, medium firm, mild sub-acid, fair; runners moderate. Early.

Yankee Doodle—Syn. of **EPPING**.

***YANT** (S)—Orig. 1896, John Yant, Ohio, chance seedling; int. 1901. Berry large to very large, irregular wedge-conic, crimson; flesh medium red, firm, sub-acid, good; runners few. Medium late.

YATES (S)—Int. about 1894. Berry large, round-conic, light scarlet, medium firm, good. Medium early.

***YORK** (S)—Listed in 1916.

YOSEMITE—Orig. Luther Burbank, Santa Rosa, Calif., "a variety of *F. chiloensis* gathered in the Yosemite Valley"; int. 1888. Berry medium, scarlet, sweet.

YOU AND ME—Orig. R. I. int. about 1898. Berry medium, roundish, scarlet, good.

Young's Seedling—Syn. of **GERMANTOWN**.

Young's Seedling, and Young's Early Sunrise—Syn. of **MICHEL**.

ZANESFIELD (S)—Listed in Mich., 1893. Berry medium, roundish, light crimson, soft, good. Midseason.

ZINFANDEL—Listed in Calif., 1907.

***ZIP**—Orig. A. J. Zitzman, Calif., "a cross between a seedling of a cultivated variety and a native strawberry"; listed 1918.

ZULA (S)—Orig. James Stayman, Leavenworth, Kan., seedling of **CYCLONE**; int. about 1896. Berry medium or below, long-conic, dark crimson, firm, good; runners numerous. Midseason.

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